AES/EPA -017

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Julio 15, 2016

Chief, Multimedia Permits and Compliance Branch
Caribbean Environmental Protection Division
U.S. Environmental Protection Agency, Region 2
City View Plaza II, Suite 7000
48 RD. 165 Km. 1.2
Guaynabo, Puerto Rico 00968-8069

RE: Administrative Order on Consent Docket Number CWA-02-2015-3102 – Compliance with AOC Section VII, ¶77 6th Quarterly Progress Report

Dear Jose:

On March 18, 2015 AES Puerto Rico LP ("AES-PR") and the United States Environmental Protection Agency ("EPA") entered into the above referenced Administrative Order on Consent ("AOC"), under which AES-PR is obligated to comply with certain requirements (AOC Section VII, Ordered Provisions). All capitalized terms in this letter shall have the meaning as defined in the AOC.

Under AOC Section VII ¶77, Until Termination of this Order, Respondent shall prepare and submit Quarterly Progress Reports (QPR) that describe the current status and progress of Respondent's actions taken to comply with the provisions of this Order.

In compliance with the new AOC requirement, AES-PR hereby submits the required QPR for Q-2 2016 as an attachment to this letter.

We respectfully ask EPA to advise AES-PR promptly, should the agency have any concerns with this submission. Should AES-PR not receive any timely comments from EPA, we will reasonably consider that EPA has agreed that AES-PR has satisfied this requirement of AOC Section VII, ¶77 in full. Should EPA require additional time to review and provide comments back to AES-PR, that review time is of course entirely beyond the control of AES-PR and should be added to the required time frame for AES-PR to comply with this requirement.

Regards,

Manuel Mata
President AES Puerto Rico
Attachments

Administrative Order on Consent
AES Puerto Rico Coal Fired Power Plant
Docket Number CWA-02-2015-3102
NPDES Tracking Number PRU020663

Certification

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Manuel Mata
President AES Puerto Rico

7-14-2016

Date

Quarterly Progress Report (QPR) No. 6

Administrative Compliance Order
AES-PR Coal Fired Power Plant
Docket Number CWA-02-2015-3102

July 15, 2016

AES Puerto Rico, LP (AES-PR) is hereby submitting to the United States Environmental Protection Agency (USEPA) this Quarterly Progress Report (QPR) in accordance with Provision 77 of the Administrative Compliance Order (ACO) , Docket Number CWA-02-2015-3102.

Milestones and Activities

This reporting period covers the actions taken from **April 1, 2016** to **June 30, 2016**. During this reporting period AES-PR completed a number of actions towards meeting the Provisions of this ACO, including:

1- **<u>Ordered Provision 68</u> - Upon the Effective Date of this Order and for a period of one year, Respondent shall conduct benchmark monitoring and analyze samples according to Part 6.1.3 (measurable storm event), Part 6.1.4 (sample type), Part 6.1.5 (adverse weather condition), Part 6.1.7 (monitoring periods), Part 6.2.1.1 (applicability of benchmark monitoring), Part 6.2.1.2 (benchmark monitoring schedule), Part 8.O.7 (sector-specific benchmark for steam electric power generating facilities) and Part 8.Q.6 (sector-specific for water transportation) of the MSGP. Also, Respondent shall:**

a. monitor at least once at the permanent sampling points 001, 002, and 003 (SP-001, SP-002, and SP-003, respectively) in each of the following 3-month intervals: January 1 – March 31; April 1 – June 30; July 1 – September 30; and October 1 – December 31;

b. analyze the samples for total aluminum, total iron, total lead and total zinc;

c. document monitoring activities and laboratory reports for each sampling point; and

d. prepare MDMR forms within thirty (30) days of receiving the laboratory results. Respondent shall use the MDMR available at the EPA's web site at http://water.epa.gov/polwaste/npdes/stormwater/.

AES-PR personnel monitored permanent sampling points 001, 002, and 003 during **April 1 – June 30, 2016**. Samples were analyzed for total aluminum, total iron, total lead and total zinc. Laboratory reports for sampling points were received on April 21, 2016 (**Attachment 1**).

2- Benchmark Monitoring Results

The Q2-2016 benchmark monitoring results for the three storm water outfalls are summarized in the tables and graphs included in **Attachment 2**.

Monitoring results for sampling point 001 indicate a decrease in storm water aluminum and iron concentrations. Storm water monitoring parameters were all below benchmark value during this monitoring period.

At sampling point 002, monitoring results showed a reduction in aluminum and iron concentration compared to the first quarter. Results indicated that aluminum and iron concentrations in samples were above benchmark values. Corrective actions were completed in order to comply with part 6.2.1 of the MSGP 2015. The selection, design, installation, and implementation of control measures were reviewed and evaluated in the field.

As a corrective action, the wash station exit road located east of the limestone dome and other selected plant road areas were improved with asphalt. Also, a segment of the south plant road entrance was paved in order to eliminate the erosion potential from that area. In addition, the rip rap located at the south side of the facility (Gate #3, close to sampling point 002) was improved.

Stormwater monitoring parameters at sampling point 003 were all below benchmark value during this monitoring period. Results indicated that the control measures have been working effectively and that no BMP modifications are necessary for that drainage area.

3- Additional Actions Taken

AES-PR is submitting with this QPR the compliance activities completed during this period (**Attachment 3**). It includes visual inspections and monitoring activities conducted for all plant storm water outfalls. Inspection results were documented and records kept with the Stormwater Pollution Prevention Plan. All the routine site inspections and corrective actions for the **April 1, 2016** to **June 30, 2016** period were completed, documented and are being submitted with this report.

4- Activities for Next Reporting Period

During the next reporting period, AES will continue conducting benchmark monitoring and sampling as required in AOC provision 68.

Certification

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Manuel Mata
Plant Manager

ATTACHMENT 1

Discharge Monitoring Report

DMR Copy of Record

Permit

Permit #:	**PRR053093**	**Permittee:**	AES PUERTO RICO, LP	**Facility:**	AES PUERTO RICO, L.P.
Major:	No	**Permittee Address:**	Road #3 km. 142 Jobos Ward Guayama, PR 00784	**Facility Location:**	ROAD #3 KM. 142 JOBOS WARD GUAYAMA, PR 00784
Permitted Feature:	001 External Outfall	**Discharge:**	**001-O1** Steam Electric Generating Facilities		

Report Dates & Status

Monitoring Period:	**From 04/01/16 to 06/30/16**	**DMR Due Date:**	**07/31/16**	**Status:**	**NetDMR Validated**

Considerations for Form Completion

Principal Executive Officer

First Name:	Manuel	**Title:**	Plant Manager	**Telephone:**	787-866-8117
Last Name:	Mata				

No Data Indicator (NODI)

Form NODI: --

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration							# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
01045	Iron, total [as Fe]	1 - Effluent Gross	0	--	Sample										=	0.733	19 - mg/L		01/90 - Quarterly	GR - GRAB
					Permit Req.										<=	1 MAXIMUM	19 - mg/L		01/90 - Quarterly	GR - GRAB
					Value NODI															

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

AES PUERTO RICO, LP

User:	pedro.labayen@aes.com	Date/Time:	2016-05-23 09:18 (Time Zone: -04:00)
Name:	Pedro Labayen		
E-Mail:	pedro.labayen@aes.com		

DMR Copy of Record

Permit

Permit #:	**PRR053093**	**Permittee:**	AES PUERTO RICO, LP	**Facility:**	AES PUERTO RICO, L.P.
Major:	No	**Permittee Address:**	Road #3 km. 142 Jobos Ward Guayama, PR 00784	**Facility Location:**	ROAD #3 KM. 142 JOBOS WARD GUAYAMA, PR 00784
Permitted Feature:	001 External Outfall	**Discharge:**	**001-Q1** Water Transportation Facilities		

Report Dates & Status

Monitoring Period:	**From 04/01/16 to 06/30/16**	**DMR Due Date:**	**07/31/16**	**Status:**	**NetDMR Validated**

Considerations for Form Completion

Principal Executive Officer

First Name:	Manuel	**Title:**	Plant Manager	**Telephone:**	787-866-8117
Last Name:	Mata				

No Data Indicator (NODI)

Form NODI: --

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration							# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
01045	Iron, total [as Fe]	1 - Effluent Gross	0	--	Sample										=	0.733	19 - mg/L		01/90 - Quarterly	GR - GRAB
					Permit Req.										<=	1 MAXIMUM	19 - mg/L		01/90 - Quarterly	GR - GRAB
					Value NODI															
01051	Lead, total [as Pb]	1 - Effluent Gross	0	--	Sample										<	0.002	19 - mg/L		01/90 - Quarterly	GR - GRAB
					Permit Req.										<=	.21 MAXIMUM	19 - mg/L		01/90 - Quarterly	GR - GRAB
					Value NODI															
01092	Zinc, total [as Zn]	1 - Effluent Gross	0	--	Sample										=	90	28 - ug/L		01/90 - Quarterly	GR - GRAB
					Permit Req.										<=	90 MAXIMUM	28 - ug/L		01/90 - Quarterly	GR - GRAB
					Value NODI															
01105	Aluminum, total [as Al]	1 - Effluent Gross	0	--	Sample										=	0.682	19 - mg/L		01/90 - Quarterly	GR - GRAB
					Permit Req.										<=	.75 MAXIMUM	19 - mg/L		01/90 - Quarterly	GR - GRAB
					Value NODI															

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

AES PUERTO RICO, LP

User:	pedro.labayen@aes.com	Date/Time:	2016-05-23 09:20 (Time Zone: -04:00)
Name:	Pedro Labayen		
E-Mail:	pedro.labayen@aes.com		

BECKTON
Environmental Laboratories. Inc.

ACCREDITED IN ACCORDANCE WITH nelac

REPORT OF ANALYSIS

ATTENTION: Mr. Héctor Ávila
COMPANY: AES Puerto Rico - Guayama

DATE: April 14, 2016

CONTRACT: AES – Guayama

LAB. SAMPLE ID: BEL-1601057
SAMPLE COLLECTED BY: Client (P. Labayen)
DATE RECEIVED: 04/04/16

SAMPLE DATE: 04/01/16
TIME: 5:51 AM

DESCRIPTION: Stormwater #001
LAB. FILE ID: 1601057
MATRIX: Water

PARAMETER	EPA METHOD	SAMPLE TYPE	UNITS	BEL-1601057 RESULT	METHOD DETECTION LIMIT	ANALYST	DATE ANALYZED
Aluminum	200.7(ICAP)	Grab	mg/L	0.682	0.005	BTR	04/08/16
Iron	200.7(ICAP)	Grab	mg/L	0.733	0.010	BTR	04/08/16
Lead	200.7(ICAP)	Grab	mg/L	<0.002	0.002	BTR	04/08/16
Zinc	200.7(ICAP)	Grab	mg/L	0.090	0.002	BTR	04/08/16

*Standard Methods for the Examination of Water and Waste Water 20th Edition, 1999.

Method Detection Limit (MDL)-The minimum concentration of a substance that can be measured and reported with 99% confidence that the value is above zero.

Certification and release of the data contained in the Report of Analysis has been authorized by the Laboratory Manager or the Manager's Designee. Sample results related only to the sample submitted.

ESTADO LIBRE ASOCIADO DE PUERTO RICO
Iris M. Chevere Alfonzo Lic. # 2370
QUIMICO LICENCIADO
$1.00 A 1575498

Lcda. Iris M. Chévere Alfonzo
Laboratory Director
Chemist License 2370

Attachment: Chain of Custody Records

192 VILLA STREET • PONCE, PR 00730-4875 • TEL. (787) 841-7373 • FAX (787) 841-7313

BECKTON ENVIRONMENTAL LABORATORIES
192 Villa Street • Ponce, P.R. 00730-4875
Tel. 787-841-7373 • Fax 787-841-7313

REVISION 2009

CHAIN OF CUSTODY RECORD

PROYECT NO.	COMPANY	AES Gma.	SAMPLER	Pedro Labayen
SAMPLE LOCATION/CLIENT ID	Storm Water # 001	TIME	5:51 (AM) PM	CONTROL NO. 185890
SAMPLE DATE	4-1-16	BEL. NO.	1601057	

1. General Environmental:		PC	VSS		PC
Acidity	( )		Alkalinity	( )	
Ammonia as N	( )		Bicarbonate	( )	
BOD-5	( )		Bromide	( )	
Chloride	( )		Chlorine, Res.	( )	
COD	( )		Color (ADMI)	( )	
Conductivity µmhos/cm	( )		Color (Pt-Co)	( )	
Dissolved Oxygen	( )		Cyanide	( )	
Hardness	( )		Fluoride	( )	
Moisture %	( )		Iodide	( )	
Nitrite	( )		Nitrate	( )	
Oil+Grease	( )		Nitrate + Nitrite	( )	
Phenol	( )		pH, S.U.	( )	
Phosphorus, Total	( )		Phosphate, Ortho	( )	
Sett Solids mg/L	( )		Sett. Solids mL/L	( )	
Sulfate	( )		Solids, Total	( )	
Sulfite	( )		Sulfide	( )	
TDS	( )		Surfactant	( )	
Temperature, °C	( )		TSS	( )	
TOC	( )		TKN	( )	
Asbestos	( )		Turbidity	( )	
TVS	( )		Carbonate	( )	
Total Nitrogen	( )				

2. Metals:							
Aluminum	(Al)	(X)	1	Cadmium	(Cd)	( )	
Chromium	(Cr)	( )		Copper	(Cu)	( )	
Iron	(Fe)	(X)	1	Lead	(Pb)	(X)	1
Manganese	(Mn)	( )		Mercury	(Hg)	( )	
Nickel	(Ni)	( )		Selenium	(Se)	( )	
Silver	(Ag)	( )		Tin	(Sn)	( )	
Zinc	(Zn)	(X)	1	Arsenic	(As)	( )	
Barium	(Ba)	( )		Boron	(B)	( )	
Antimony	(Sb)	( )		Beryllium	(Be)	( )	
Bismuth	(Bi)	( )		Calcium	(Ca)	( )	
Chromium, VI	(CrVI)	( )		Cobalt	(Co)	( )	
Magnesium	(Mg)	( )		Molybdenum	(Mo)	( )	
Potassium	(K)	( )		Silicon	(Si)	( )	
Sodium	(Na)	( )		Strontium	(Sr)	( )	
Thallium	(Tl)	( )		Titanium	(Ti)	( )	
Vanadium	(V)	( )		Lithium	(Li)	( )	

3. RCRA/Hazardous wastes				
Ignitability (Flash Pt.)	( )		Corrosivity	( )
Reactivity (CN & S)	( )		TCLP	( )
RCRA Metals	( )		Organics-Pest/Herb	( )
Organics-BNA	( )		Organics-VOA	( )
TOX	( )			

4. Specific Organics				
			Phenols GC	( )
Volatiles	( )		Semi-Volitiles (BNA)	( )
Pesticides/PCB's	( )		PCB's Only	( )
Herbicides	( )		TPH 418.1	( )
BTEX	( )		TTO	( )
TTO & Dioxin	( )		TPH 8015	( )
			Lindane	( )

5. Microbiology				
Fecal Coliform	( )		Total Coliform	( )

Comments: _____

Sampling Witness; _____
Date/Time: _____
Relinquished by: Nadia E. Labayen
Date/Time: 4-4-16 11:15 AM
Received by: Edwin
Date/Time: 4-4-16 11:15 AM
Relinquished by: Edwin
Date/Time: 4-4-16 1:54 PM
Received by: [signature]
Date/Time: 4/4/16 1:54 PM
Relinquished by: _____
Date/Time: _____
Received by: _____
Date/Time: _____

Matrix

air	( )	water	(X)	sludge	( )
liquid	( )	soil	( )	solid	( )
oil	( )	mixed	( )	other	( )

Specify: _____

Preservative Codes = PC

1. Cool, <6° C	6. Sodium Hydroxide(NaOH)
2. Sulfuric Acid (H_2SO_4) pH<2	7. Zinc Acetate
3. Nitric Acid (HNO_3), pH<2	8. Ascorbic Acid
4. Hydrochloric acid (HCl)	9. FAS
5. Sodium Thiosulfate	10.Other

Sample type legend:

grab samples	x
composite samples	xx

Turnaround time:

1 day	( )
2 days	( )
3 days	( )
5 days	( )

Sampling Equipment:

Automatic Sampler	( )
Sample Pick Up	( )

Note: normal turnaround time is ten (10) working days; additional charges apply for rush orders.

Original

DMR Copy of Record

Permit

Permit #:	**PRR053093**	**Permittee:**	AES PUERTO RICO, LP	**Facility:**	AES PUERTO RICO, L.P.
Major:	No	**Permittee Address:**	Road #3 km. 142 Jobos Ward Guayama, PR 00784	**Facility Location:**	ROAD #3 KM. 142 JOBOS WARD GUAYAMA, PR 00784
Permitted Feature:	002 External Outfall	**Discharge:**	**002-O1** Steam Electric Generating Facilities		

Report Dates & Status

Monitoring Period:	**From 04/01/16 to 06/30/16**	**DMR Due Date:**	**07/31/16**	**Status:**	**NetDMR Validated**

Considerations for Form Completion

Principal Executive Officer

First Name:	Manuel	**Title:**	Plant Manager	**Telephone:**	787-866-8117
Last Name:	Mata				

No Data Indicator (NODI)

Form NODI: --

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration							# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
X 01045	Iron, total [as Fe]	1 - Effluent Gross	0	--	Sample										=	4.69	19 - mg/L		01/90 - Quarterly	GR - GRAB
					Permit Req.										<=	1 MAXIMUM	19 - mg/L		01/90 - Quarterly	GR - GRAB
					Value NODI															

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

Parameter		Monitoring Location	Field	Type	Description	Acknowledge
Code	Name					
01045	Iron, total [as Fe]	1 - Effluent Gross	Quality or Concentration Sample Value 3	Soft	The provided sample value is outside the permit limit. (Error Code: 1)	Yes

Comments

Attachments

No attachments.

Report Last Saved By

AES PUERTO RICO, LP

User:	pedro.labayen@aes.com	Date/Time:	2016-05-23 09:27 (Time Zone: -04:00)
Name:	Pedro Labayen		
E-Mail:	pedro.labayen@aes.com		

DMR Copy of Record

Permit

Permit #:	**PRR053093**	**Permittee:**	AES PUERTO RICO, LP	**Facility:**	AES PUERTO RICO, L.P.
Major:	No	**Permittee Address:**	Road #3 km. 142 Jobos Ward Guayama, PR 00784	**Facility Location:**	ROAD #3 KM. 142 JOBOS WARD GUAYAMA, PR 00784
Permitted Feature:	002 External Outfall	**Discharge:**	**002-Q1** Water Transportation Facilities		

Report Dates & Status

Monitoring Period:	**From 04/01/16 to 06/30/16**	**DMR Due Date:**	**07/31/16**	**Status:**	**NetDMR Validated**

Considerations for Form Completion

Principal Executive Officer

First Name:	Manuel	**Title:**	Plant Manager	**Telephone:**	787-866-8117
Last Name:	Mata				

No Data Indicator (NODI)

Form NODI: --

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration							# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
X 01045	Iron, total [as Fe]	1 - Effluent Gross	0	--	Sample										=	4.69	19 - mg/L		01/90 - Quarterly	GR - GRAB
					Permit Req.										<=	1 MAXIMUM	19 - mg/L		01/90 - Quarterly	GR - GRAB
					Value NODI															
01051	Lead, total [as Pb]	1 - Effluent Gross	0	--	Sample										<	0.002	19 - mg/L		01/90 - Quarterly	GR - GRAB
					Permit Req.										<=	.21 MAXIMUM	19 - mg/L		01/90 - Quarterly	GR - GRAB
					Value NODI															
01092	Zinc, total [as Zn]	1 - Effluent Gross	0	--	Sample										=	64	28 - ug/L		01/90 - Quarterly	GR - GRAB
					Permit Req.										<=	90 MAXIMUM	28 - ug/L		01/90 - Quarterly	GR - GRAB
					Value NODI															
X 01105	Aluminum, total [as Al]	1 - Effluent Gross	0	--	Sample										=	8.3	19 - mg/L		01/90 - Quarterly	GR - GRAB
					Permit Req.										<=	.75 MAXIMUM	19 - mg/L		01/90 - Quarterly	GR - GRAB
					Value NODI															

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

Parameter		Monitoring Location	Field	Type	Description	Acknowledge
Code	Name					
01045	Iron, total [as Fe]	1 - Effluent Gross	Quality or Concentration Sample Value 3	Soft	The provided sample value is outside the permit limit. (Error Code: 1)	Yes
01105	Aluminum, total [as Al]	1 - Effluent Gross	Quality or Concentration Sample Value 3	Soft	The provided sample value is outside the permit limit. (Error Code: 1)	Yes

Comments

Attachments

No attachments.

Report Last Saved By

AES PUERTO RICO, LP

User:	pedro.labayen@aes.com	Date/Time:	2016-05-23 09:29 (Time Zone: -04:00)
Name:	Pedro Labayen		
E-Mail:	pedro.labayen@aes.com		

BECKTON
Environmental Laboratories. Inc.

ACCREDITED IN ACCORDANCE WITH nelac

REPORT OF ANALYSIS

ATTENTION: Mr. Héctor Ávila
COMPANY: AES Puerto Rico - Guayama

DATE: April 14, 2016

CONTRACT: AES – Guayama

LAB. SAMPLE ID: BEL-1601058
SAMPLE COLLECTED BY: Client (P. Labayen)
DATE RECEIVED: 04/04/16

SAMPLE DATE: 04/01/16
TIME: 9:36AM

DESCRIPTION: Stormwater #002
LAB. FILE ID: 1601058
MATRIX: Water

PARAMETER	EPA METHOD	SAMPLE TYPE	UNITS	BEL-1601058 RESULT	METHOD DETECTION LIMIT	ANALYST	DATE ANALYZED
Aluminum	200.7(ICAP)	Grab	mg/L	8.30	0.005	BTR	04/08/16
Iron	200.7(ICAP)	Grab	mg/L	4.69	0.010	BTR	04/08/16
Lead	200.7(ICAP)	Grab	mg/L	<0.002	0.002	BTR	04/08/16
Zinc	200.7(ICAP)	Grab	mg/L	0.064	0.002	BTR	04/08/16

*Standard Methods for the Examination of Water and Waste Water 20th Edition, 1999.

Method Detection Limit (MDL)-The minimum concentration of a substance that can be measured and reported with 99% confidence that the value is above zero.

Certification and release of the data contained in the Report of Analysis has been authorized by the Laboratory Manager or the Manager's Designee. Sample results related only to the sample submitted.

Lcda. Iris M. Chévere Alfonzo
Laboratory Director
Chemist License 2370

ESTADO LIBRE ASOCIADO DE PUERTO RICO
Iris M. Chévere Alfonzo
Lic. # 2370
A 1575199
QUÍMICO LICENCIADO

Attachment: Chain of Custody Records (1)

192 VILLA STREET • PONCE, PR 00730-4875 • TEL. (787) 841-7373 • FAX (787) 841-7313

BECKTON ENVIRONMENTAL LABORATORIES
192 Villa Street • Ponce, P.R. 00730-4875
Tel. **787-841-7373** • Fax **787-841-7313**

REVISION 2009

CHAIN OF CUSTODY RECORD

PROYECT NO.	COMPANY	AES Gma.	SAMPLER	P. Labayen
SAMPLE LOCATION/CLIENT ID	Stormwater H 002	TIME	9:36 AM PM	CONTROL NO. 185891
SAMPLE DATE	4-1-16	BEL. NO.	1601058	

1. General Environmental:		PC	VSS		PC
Acidity	( )		Alkalinity	( )	
Ammonia as N	( )		Bicarbonate	( )	
BOD-5	( )		Bromide	( )	
Chloride	( )		Chlorine, Res.	( )	
COD	( )		Color (ADMI)	( )	
Conductivity µmhos/cm	( )		Color (Pt-Co)	( )	
Dissolved Oxygen	( )		Cyanide	( )	
Hardness	( )		Fluoride	( )	
Moisture %	( )		Iodide	( )	
Nitrite	( )		Nitrate	( )	
Oil+Grease	( )		Nitrate + Nitrite	( )	
Phenol	( )		pH, S.U.	( )	
Phosphorus, Total	( )		Phosphate, Ortho	( )	
Sett Solids mg/L	( )		Sett. Solids mL/L	( )	
Sulfate	( )		Solids, Total	( )	
Sulfite	( )		Sulfide	( )	
TDS	( )		Surfactant	( )	
Temperature, °C	( )		TSS	( )	
TOC	( )		TKN	( )	
Asbestos	( )		Turbidity	( )	
TVS	( )		Carbonate	( )	
Total Nitrogen	( )				
2. Metals:					
Aluminum (Al)	(X)		Cadmium (Cd)	( )	
Chromium (Cr)	( )		Copper (Cu)	( )	
Iron (Fe)	(X)		Lead (Pb)	(X)	
Manganese (Mn)	( )		Mercury (Hg)	( )	
Nickel (Ni)	( )		Selenium (Se)	( )	
Silver (Ag)	( )		Tin (Sn)	( )	
Zinc (Zn)	(X)		Arsenic (As)	( )	
Barium (Ba)	( )		Boron (B)	( )	
Antimony (Sb)	( )		Beryllium (Be)	( )	
Bismuth (Bi)	( )		Calcium (Ca)	( )	
Chromium, VI (CrVI)	( )		Cobalt (Co)	( )	
Magnesium (Mg)	( )		Molybdenum (Mo)	( )	
Potassium (K)	( )		Silicon (Si)	( )	
Sodium (Na)	( )		Strontium (Sr)	( )	
Thallium (Tl)	( )		Titanium (Ti)	( )	
Vanadium (V)	( )		Lithium (Li)	( )	
3. RCRA/Hazardous wastes					
Ignitability (Flash Pt.)	( )		Corrosivity	( )	
Reactivity (CN & S)	( )		TCLP	( )	
RCRA Metals	( )		Organics-Pest/Herb	( )	
Organics-BNA	( )		Organics-VOA	( )	
TOX	( )				
4. Specific Organics			Phenols GC	( )	
Volatiles	( )		Semi-Volitiles (BNA)	( )	
Pesticides/PCB's	( )		PCB's Only	( )	
Herbicides	( )		TPH 418.1	( )	
BTEX	( )		TTO	( )	
TTO & Dioxin	( )		TPH 8015	( )	
			Lindane	( )	
5. Microbiology					
Fecal Coliform	( )		Total Coliform	( )	

Comments: _____

Sampling Witness; _____
Date/Time: _____
Relinquished by: Pedro E. Labayen
Date/Time: 4-4-16 11:15 AM
Received by: Ed
Date/Time: 4-4-16 11:15 AM
Relinquished by: Ed
Date/Time: 4-4-16 1:56 PM
Received by: [signature]
Date/Time: 4/4/16 1:56 pm
Relinquished by: _____
Date/Time: _____
Received by: _____
Date/Time: _____

Matrix

air	( )	water	(X)	sludge	( )
liquid	( )	soil	( )	solid	( )
oil	( )	mixed	( )	other	( )

Specify: _____

Preservative Codes = PC

1. Cool, <6° C	6. Sodium Hydroxide(NaOH)
2. Sulfuric Acid (H_2SO_4) pH<2	7. Zinc Acetate
3. Nitric Acid (HNO_3), pH<2	8. Ascorbic Acid
4. Hydrochloric acid (HCl)	9. FAS
5. Sodium Thiosulfate	10. Other

Sample type legend:

grab samples	x
composite samples	xx

Turnaround time:

1 day ( )
2 days ( )
3 days ( )
5 days ( )

Note: normal turnaround time is ten (10) working days; additional charges apply for rush orders.

Sampling Equipment:

Automatic Sampler ( )
Sample Pick Up ( )

Original

DMR Copy of Record

Permit

Permit #:	**PRR053093**	**Permittee:**	AES PUERTO RICO, LP	**Facility:**	AES PUERTO RICO, L.P.
Major:	No	**Permittee Address:**	Road #3 km. 142 Jobos Ward Guayama, PR 00784	**Facility Location:**	ROAD #3 KM. 142 JOBOS WARD GUAYAMA, PR 00784
Permitted Feature:	003 External Outfall	**Discharge:**	**003-O1** Steam Electric Generating Facilities		

Report Dates & Status

Monitoring Period:	**From 04/01/16 to 06/30/16**	**DMR Due Date:**	**07/31/16**	**Status:**	**NetDMR Validated**

Considerations for Form Completion

Principal Executive Officer

First Name:	Manuel	**Title:**	Plant Manager	**Telephone:**	787-866-8117
Last Name:	Mata				

No Data Indicator (NODI)

Form NODI: --

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration							# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
01045	Iron, total [as Fe]	1 - Effluent Gross	0	--	Sample										=	0.186	19 - mg/L		01/90 - Quarterly	GR - GRAB
					Permit Req.										<=	1 MAXIMUM	19 - mg/L		01/90 - Quarterly	GR - GRAB
					Value NODI															

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

AES PUERTO RICO, LP

User:	pedro.labayen@aes.com	Date/Time:	2016-05-23 09:31 (Time Zone: -04:00)
Name:	Pedro Labayen		
E-Mail:	pedro.labayen@aes.com		

DMR Copy of Record

Permit

Permit #:	**PRR053093**	**Permittee:**	AES PUERTO RICO, LP	**Facility:**	AES PUERTO RICO, L.P.
Major:	No	**Permittee Address:**	Road #3 km. 142 Jobos Ward Guayama, PR 00784	**Facility Location:**	ROAD #3 KM. 142 JOBOS WARD GUAYAMA, PR 00784
Permitted Feature:	003 External Outfall	**Discharge:**	**003-Q1** Water Transportation Facilities		

Report Dates & Status

Monitoring Period:	**From 04/01/16 to 06/30/16**	**DMR Due Date:**	**07/31/16**	**Status:**	**NetDMR Validated**

Considerations for Form Completion

Principal Executive Officer

First Name:	Manuel	**Title:**	Plant Manager	**Telephone:**	787-866-8117
Last Name:	Mata				

No Data Indicator (NODI)

Form NODI: --

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration							# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
01045	Iron, total [as Fe]	1 - Effluent Gross	0	--	Sample										=	0.186	19 - mg/L		01/90 - Quarterly	GR - GRAB
					Permit Req.										<=	1 MAXIMUM	19 - mg/L		01/90 - Quarterly	GR - GRAB
					Value NODI															
01051	Lead, total [as Pb]	1 - Effluent Gross	0	--	Sample										<	0.002	19 - mg/L		01/90 - Quarterly	GR - GRAB
					Permit Req.										<=	.21 MAXIMUM	19 - mg/L		01/90 - Quarterly	GR - GRAB
					Value NODI															
01092	Zinc, total [as Zn]	1 - Effluent Gross	0	--	Sample										=	36	28 - ug/L		01/90 - Quarterly	GR - GRAB
					Permit Req.										<=	90 MAXIMUM	28 - ug/L		01/90 - Quarterly	GR - GRAB
					Value NODI															
01105	Aluminum, total [as Al]	1 - Effluent Gross	0	--	Sample										=	0.205	19 - mg/L		01/90 - Quarterly	GR - GRAB
					Permit Req.										<=	.75 MAXIMUM	19 - mg/L		01/90 - Quarterly	GR - GRAB
					Value NODI															

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

AES PUERTO RICO, LP

User:	pedro.labayen@aes.com	Date/Time:	2016-05-23 09:32 (Time Zone: -04:00)
Name:	Pedro Labayen		
E-Mail:	pedro.labayen@aes.com		

BECKTON
Environmental Laboratories. Inc.

ACCREDITED IN ACCORDANCE WITH nelac

REPORT OF ANALYSIS

ATTENTION: Mr. Héctor Ávila
COMPANY: AES Puerto Rico - Guayama

DATE: April 14, 2016

CONTRACT: AES – Guayama

LAB. SAMPLE ID: BEL-1601059
SAMPLE COLLECTED BY: Client (P. Labayen)
DATE RECEIVED: 04/04/16

SAMPLE DATE: 04/01/16
TIME: 12:19PM

DESCRIPTION: Stormwater #003
LAB. FILE ID: 1601059
MATRIX: Water

PARAMETER	EPA METHOD	SAMPLE TYPE	UNITS	BEL-1601059 RESULT	METHOD DETECTION LIMIT	ANALYST	DATE ANALYZED
Aluminum	200.7(ICAP)	Grab	mg/L	0.205	0.005	BTR	04/08/16
Iron	200.7(ICAP)	Grab	mg/L	0.186	0.010	BTR	04/08/16
Lead	200.7(ICAP)	Grab	mg/L	<0.002	0.002	BTR	04/08/16
Zinc	200.7(ICAP)	Grab	mg/L	0.036	0.002	BTR	04/08/16

*Standard Methods for the Examination of Water and Waste Water 20th Edition, 1999.

Method Detection Limit (MDL)-The minimum concentration of a substance that can be measured and reported with 99% confidence that the value is above zero.

Certification and release of the data contained in the Report of Analysis has been authorized by the Laboratory Manager or the Manager's Designee. Sample results related only to the sample submitted.

Lcda. Iris M. Chévere Alfonzo
Laboratory Director
Chemist License 2370

$1.00 $1.00 COLEGIO DE QUÍMICOS DE PUERTO RICO A 1575200

Attachment: Chain of Custody Records (1)

192 VILLA STREET • PONCE, PR 00730-4875 • TEL. (787) 841-7373 • FAX (787) 841-7313

BECKTON ENVIRONMENTAL LABORATORIES
192 Villa Street • Ponce, P.R. 00730-4875
Tel. 787-841-7373 • Fax 787-841-7313

REVISION 2009

CHAIN OF CUSTODY RECORD

PROYECT NO.	COMPANY	AES Gma.	SAMPLER	P. Labayen	
SAMPLE LOCATION/CLIENT ID	Storm Water # 003		TIME	12:19 AM (PM)	CONTROL NO. 185892
SAMPLE DATE	4-1-16		BEL. NO.	1601059	

1. General Environmental:		PC	VSS		PC
Acidity	( )		Alkalinity	( )	
Ammonia as N	( )		Bicarbonate	( )	
BOD-5	( )		Bromide	( )	
Chloride	( )		Chlorine, Res.	( )	
COD	( )		Color (ADMI)	( )	
Conductivity µmhos/cm	( )		Color (Pt-Co)	( )	
Dissolved Oxygen	( )		Cyanide	( )	
Hardness	( )		Fluoride	( )	
Moisture %	( )		Iodide	( )	
Nitrite	( )		Nitrate	( )	
Oil+Grease	( )		Nitrate + Nitrite	( )	
Phenol	( )		pH, S.U.	( )	
Phosphorus, Total	( )		Phosphate, Ortho	( )	
Sett Solids mg/L	( )		Sett. Solids mL/L	( )	
Sulfate	( )		Solids, Total	( )	
Sulfite	( )		Sulfide	( )	
TDS	( )		Surfactant	( )	
Temperature, °C	( )		TSS	( )	
TOC	( )		TKN	( )	
Asbestos	( )		Turbidity	( )	
TVS	( )		Carbonate	( )	
Total Nitrogen	( )				

2. Metals:							
Aluminum	(Al)	(X)	1	Cadmium	(Cd)	( )	
Chromium	(Cr)	( )		Copper	(Cu)	( )	
Iron	(Fe)	(X)	1	Lead	(Pb)	(X)	
Manganese	(Mn)	( )		Mercury	(Hg)	( )	
Nickel	(Ni)	( )		Selenium	(Se)	( )	
Silver	(Ag)	( )		Tin	(Sn)	( )	
Zinc	(Zn)	(X)	1	Arsenic	(As)	( )	
Barium	(Ba)	( )		Boron	(B)	( )	
Antimony	(Sb)	( )		Beryllium	(Be)	( )	
Bismuth	(Bi)	( )		Calcium	(Ca)	( )	
Chromium, VI	(CrVI)	( )		Cobalt	(Co)	( )	
Magnesium	(Mg)	( )		Molybdenum	(Mo)	( )	
Potassium	(K)	( )		Silicon	(Si)	( )	
Sodium	(Na)	( )		Strontium	(Sr)	( )	
Thallium	(Tl)	( )		Titanium	(Ti)	( )	
Vanadium	(V)	( )		Lithium	(Li)	( )	

3. RCRA/Hazardous wastes				
Ignitability (Flash Pt.)	( )		Corrosivity	( )
Reactivity (CN & S)	( )		TCLP	( )
RCRA Metals	( )		Organics-Pest/Herb	( )
Organics-BNA	( )		Organics-VOA	( )
TOX	( )			

4. Specific Organics				
Volatiles	( )		Phenols GC	( )
Pesticides/PCB's	( )		Semi-Volitiles (BNA)	( )
Herbicides	( )		PCB's Only	( )
BTEX	( )		TPH 418.1	( )
TTO & Dioxin	( )		TTO	( )
			TPH 8015	( )
			Lindane	( )

5. Microbiology				
Fecal Coliform	( )		Total Coliform	( )

Comments: _____

Sampling Witness; _____
Date/Time: _____
Relinquished by: Nelson Labayen
Date/Time: 4-4-16 11:15 AM
Received by: Edwin Ortiz
Date/Time: 4-4-16 11:15 AM
Relinquished by: Edwin Ortiz
Date/Time: 4-4-16 15:7 PM
Received by: Alex Vega
Date/Time: 4/4/16 15:78m
Relinquished by: _____
Date/Time: _____
Received by: _____
Date/Time: _____

Matrix

air	( )	water	(X)	sludge	( )
liquid	( )	soil	( )	solid	( )
oil	( )	mixed	( )	other	( )

Specify: _____

Preservative Codes = PC

1. Cool, <6° C	6. Sodium Hydroxide(NaOH)
2. Sulfuric Acid (H_2SO_4) pH<2	7. Zinc Acetate
3. Nitric Acid (HNO_3), pH<2	8. Ascorbic Acid
4. Hydrochloric acid (HCl)	9. FAS
5. Sodium Thiosulfate	10.Other

Sample type legend:

grab samples	x
composite samples	xx

Turnaround time:

1 day	( )
2 days	( )
3 days	( )
5 days	( )

Sampling Equipment:

Automatic Sampler	( )
Sample Pick Up	( )

Note: normal turnaround time is ten (10) working days; additional charges apply for rush orders.

Original

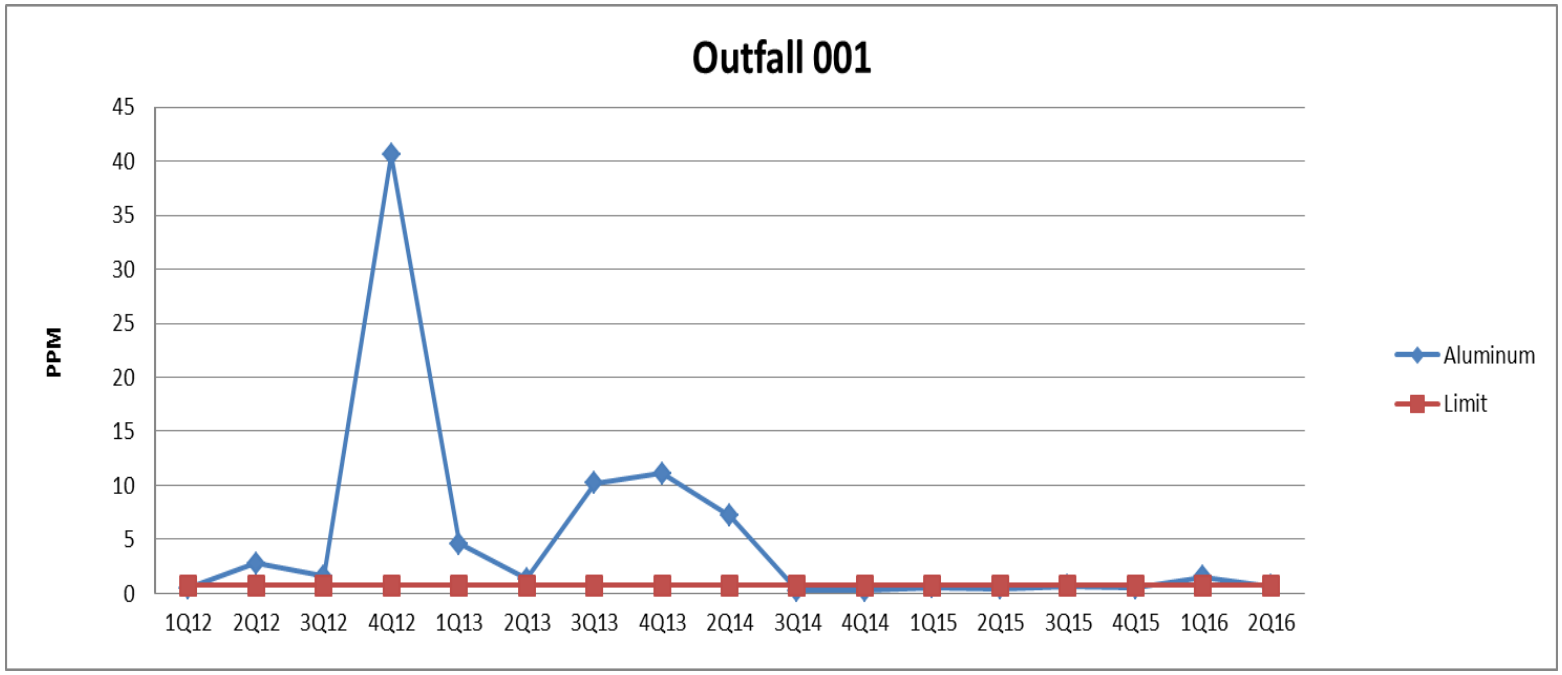
ATTACHMENT 2

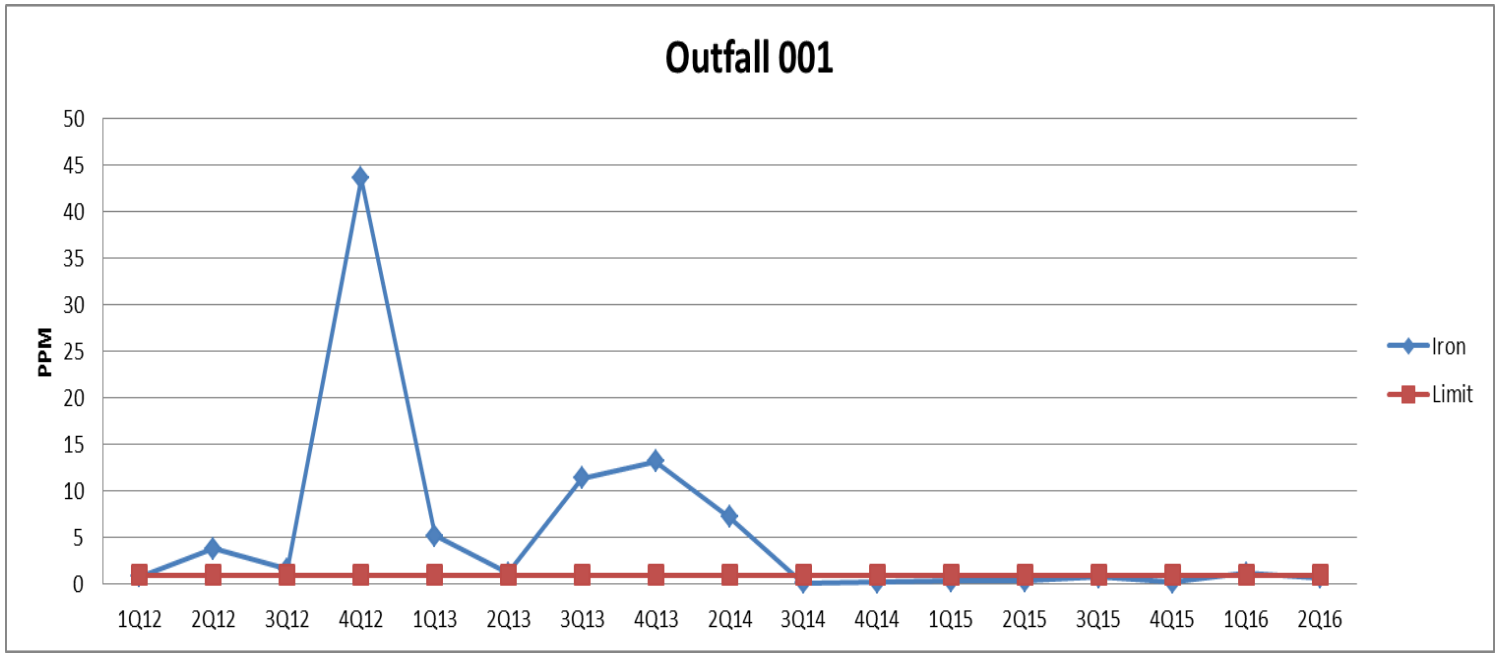
Summary of Benchmark Monitoring

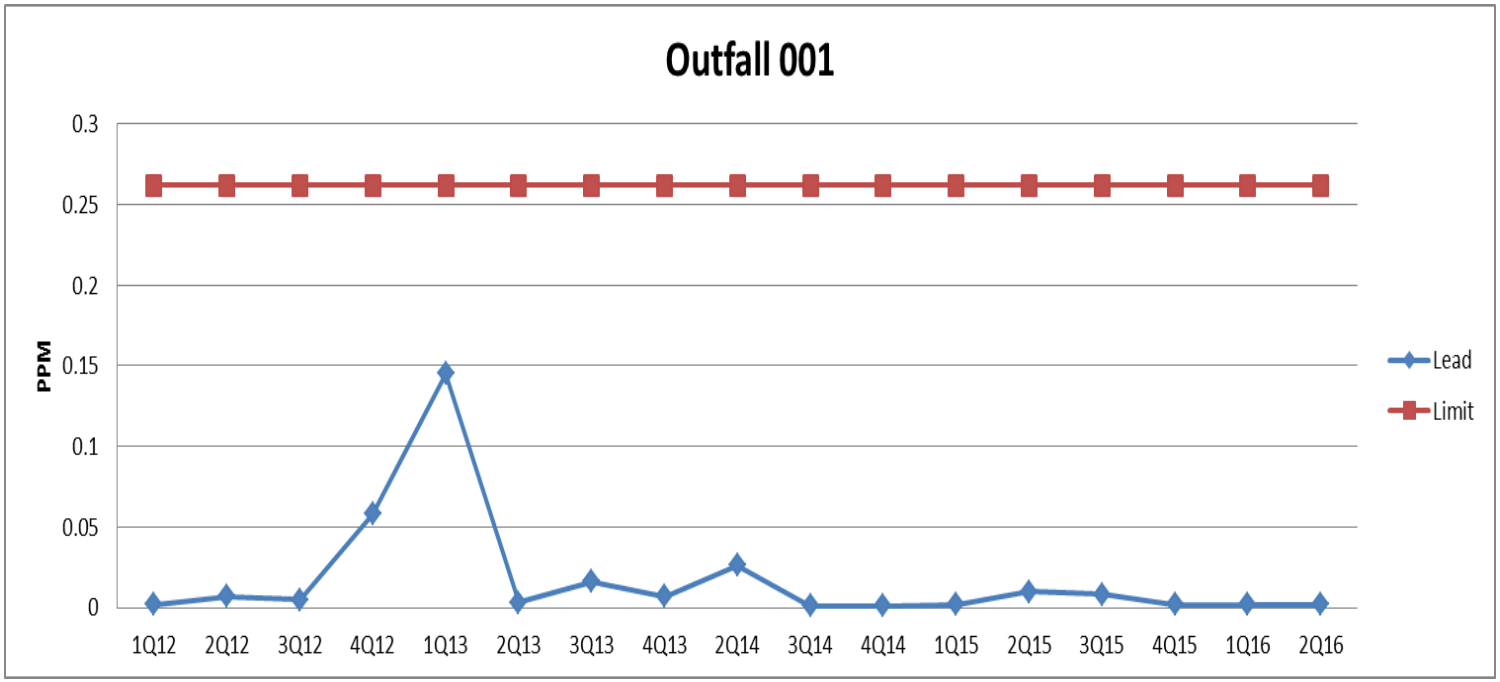
AES Puerto Rico, L.P.
Benchmark Monitoring Results Summary

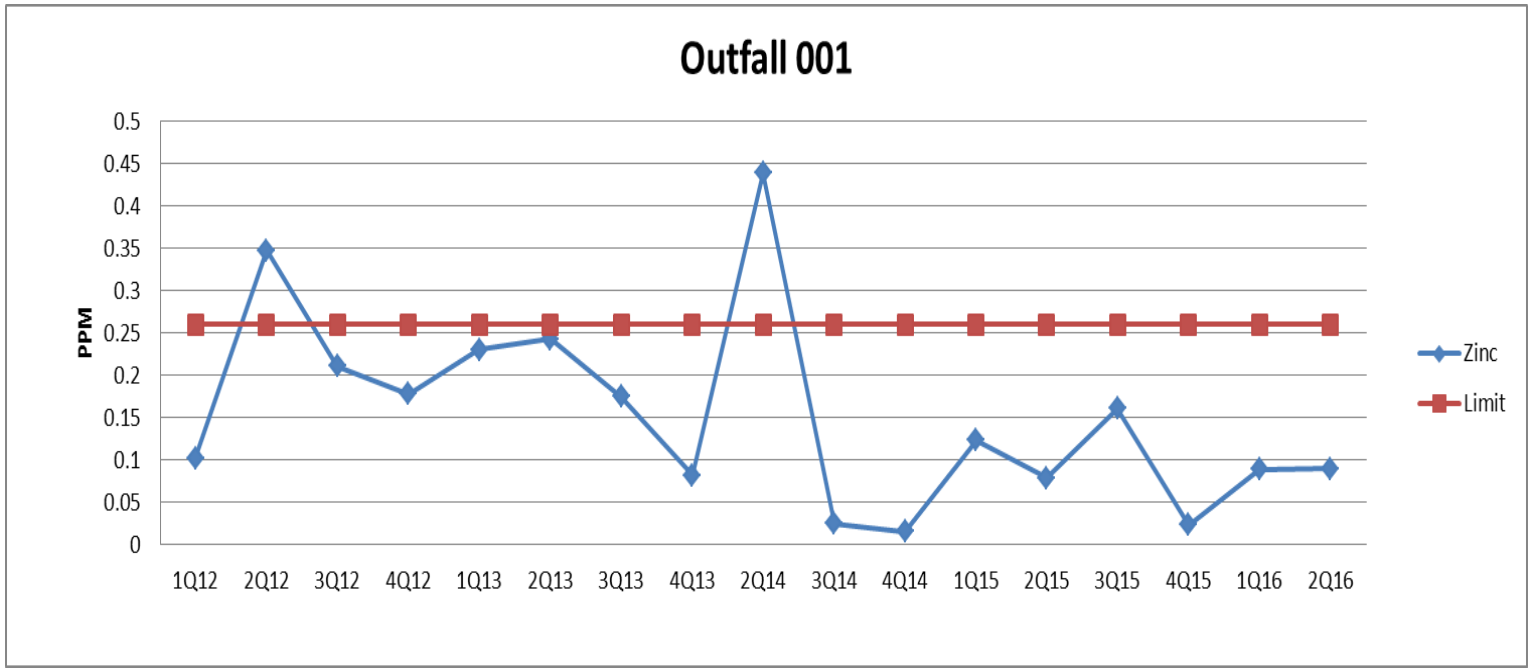
Quarter	Period	Outfall 001				Outfall 002				Outfall 003			
		Total Fe (mg/l)	*Total Al (mg/l)*	*Total Pb (mg/l)*	*Total Zn (mg/l)*	*Total Fe (mg/l)*	*Total Al (mg/l)*	*Total Pb (mg/l)*	*Total Zn (mg/l)*	*Total Fe (mg/l)*	*Total Al (mg/l)*	*Total Pb (mg/l)*	*Total Zn (mg/l)*
3	*JUL-SEP 2015*	0.755	0.684	0.008	0.161	0.034	0.05	0.021	0.009	0.452	0.405	0.017	0.041
4	*OCT-DEC 2015*	0.232	0.496	0.002	0.024	0.292	0.459	0.002	0.012	0.682	1.33	0.002	0.028
1	*ENE-MAR 2016*	1.18	1.52	0.002	0.089	14.0	17.1	0.005	0.113	0.305	0.208	0.002	0.022
2	*APR-JUN 2016*	0.733	0.682	0.002	0.09	4.69	8.3	0.002	0.064	0.186	0.205	0.002	0.036
Quarterly AVERAGE		0.725	0.846	0.004	0.091	4.754	6.477	0.008	0.050	0.41	0.54	0.01	0.03
Benchmark Concentration		1.0	0.75	0.262	0.260	1.0	0.75	0.262	0.260	1.0	0.75	0.262	0.260

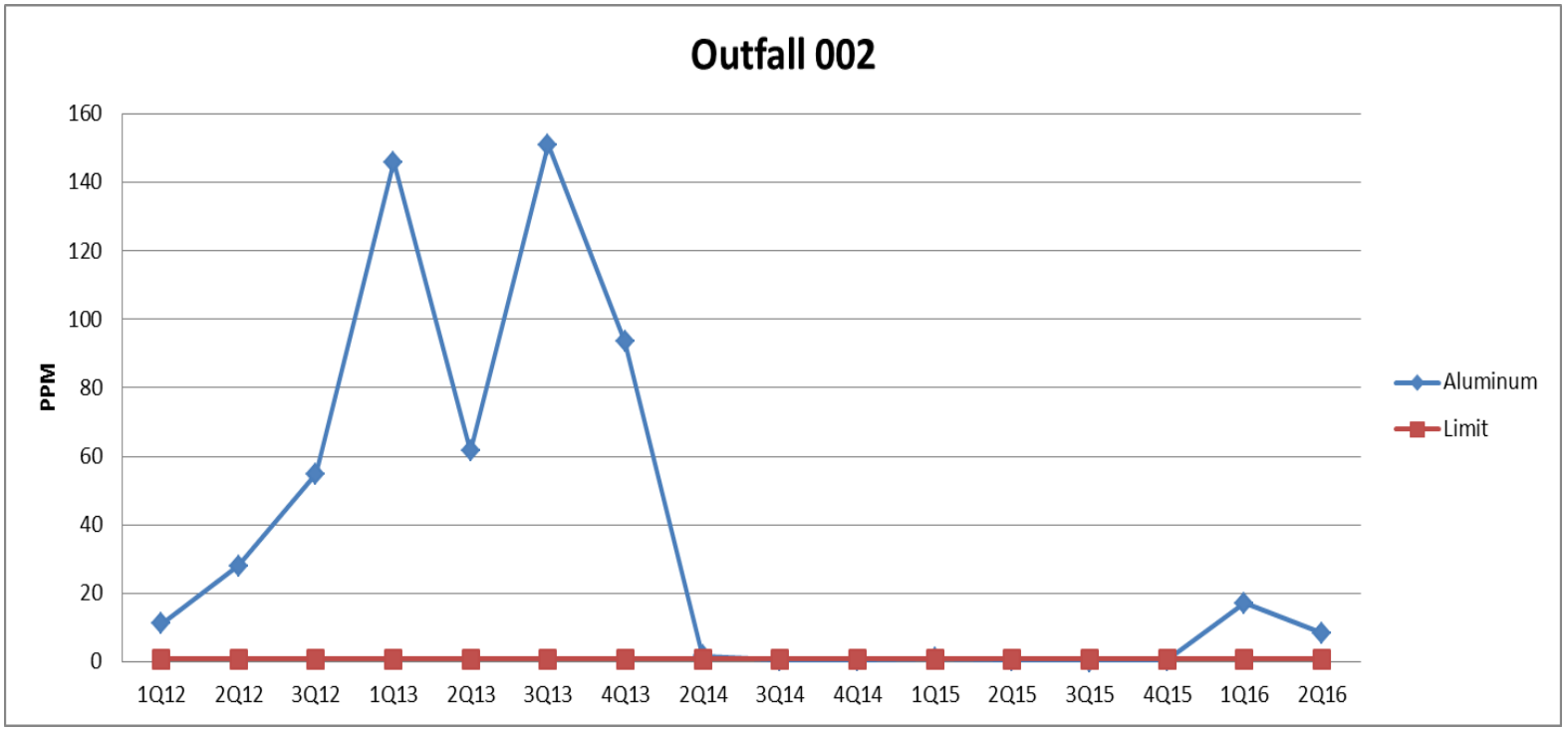
ND = No Discharge

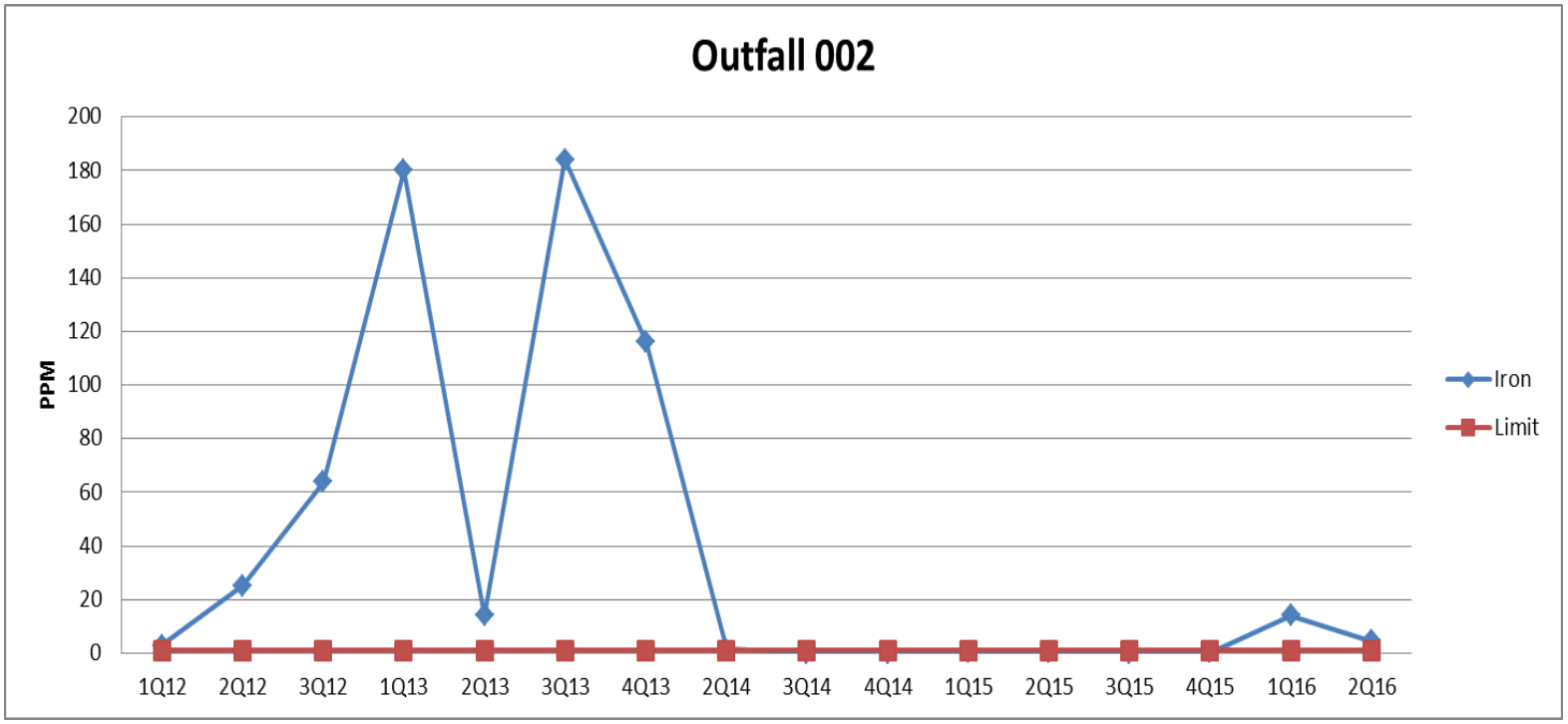

Outfall 001
PPM
45
40
35
30
25
20
15
10
5
0
1Q12
2Q12
3Q12
4Q12
1Q13
2Q13
3Q13
4Q13
2Q14
3Q14
4Q14
1Q15
2Q15
3Q15
4Q15
1Q16
2Q16
Aluminum
Limit

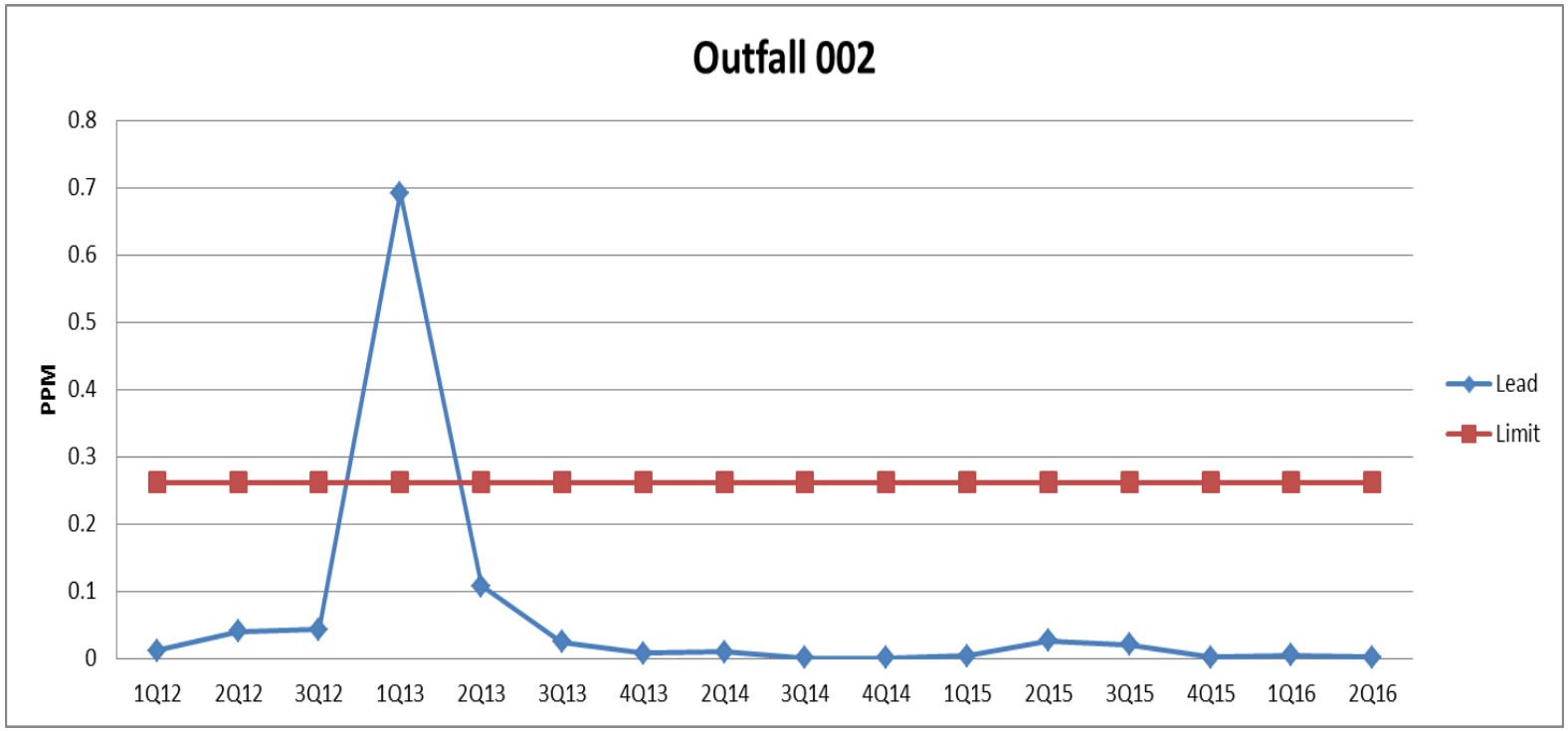

Outfall 001
PPM
50
45
40
35
30
25
20
15
10
5
0
1Q12
2Q12
3Q12
4Q12
1Q13
2Q13
3Q13
4Q13
2Q14
3Q14
4Q14
1Q15
2Q15
3Q15
4Q15
1Q16
2Q16
Iron
Limit

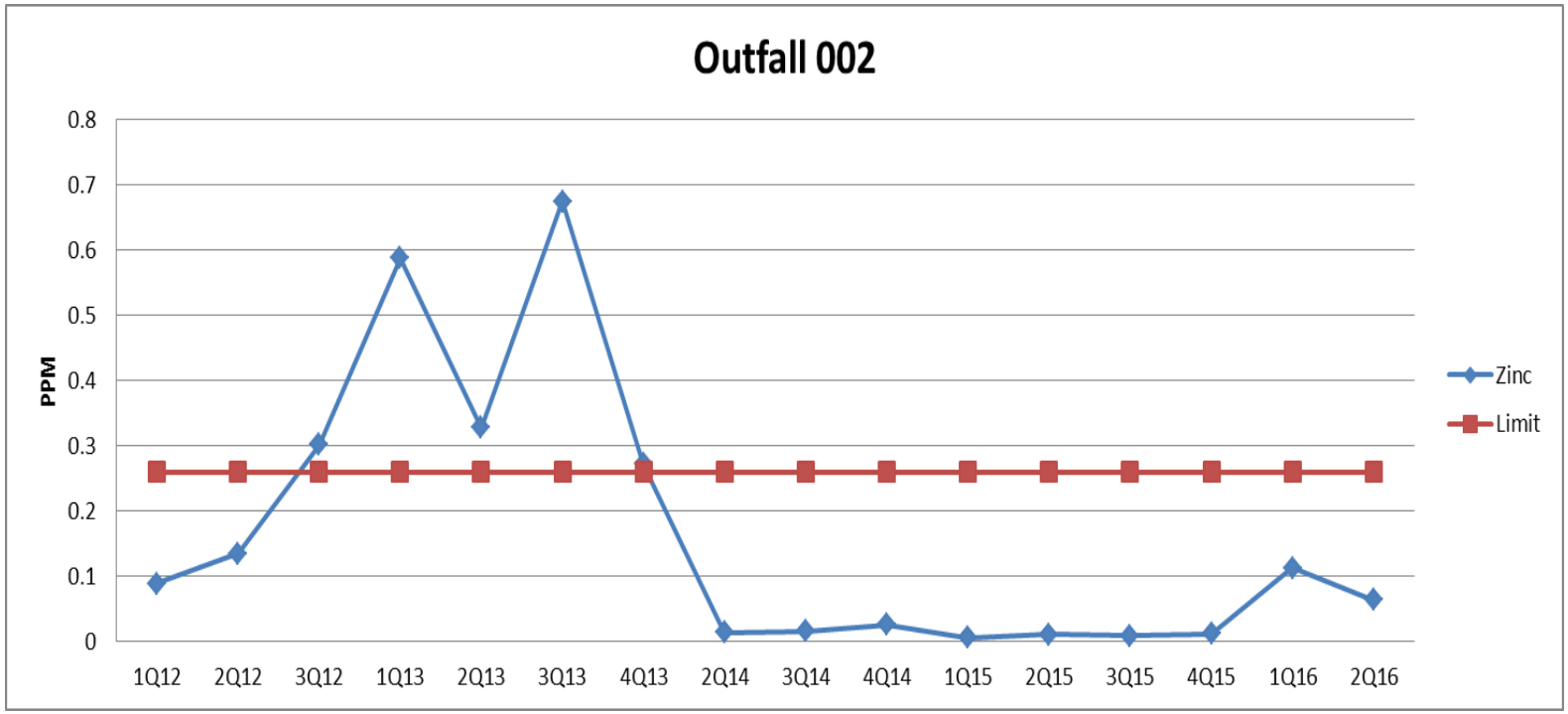

Outfall 001
PPM
0.3
0.25
0.2
0.15
0.1
0.05
0
1Q12
2Q12
3Q12
4Q12
1Q13
2Q13
3Q13
4Q13
2Q14
3Q14
4Q14
1Q15
2Q15
3Q15
4Q15
1Q16
2Q16
Lead
Limit

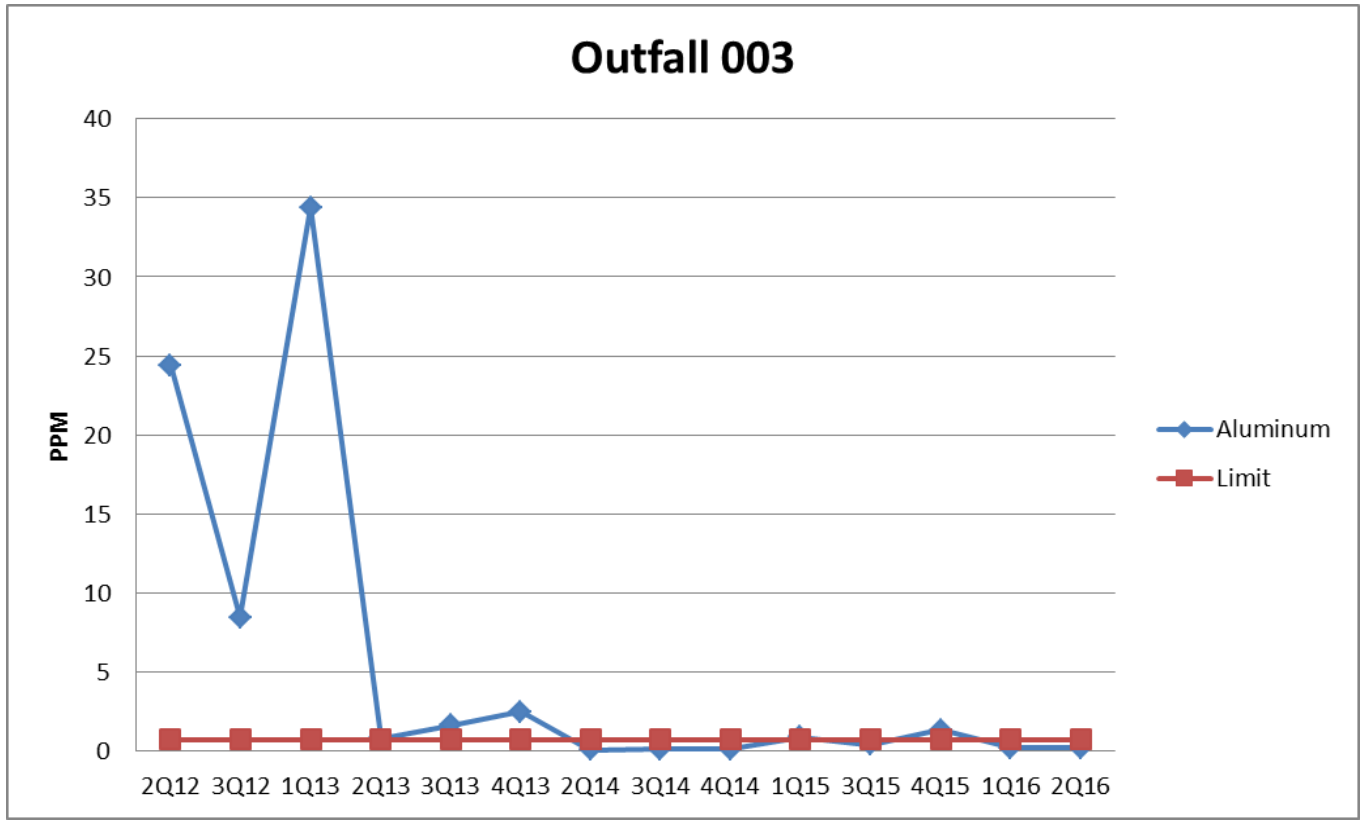

Outfall 001
PPM
0.5
0.45
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
1Q12
2Q12
3Q12
4Q12
1Q13
2Q13
3Q13
4Q13
2Q14
3Q14
4Q14
1Q15
2Q15
3Q15
4Q15
1Q16
2Q16
Zinc
Limit

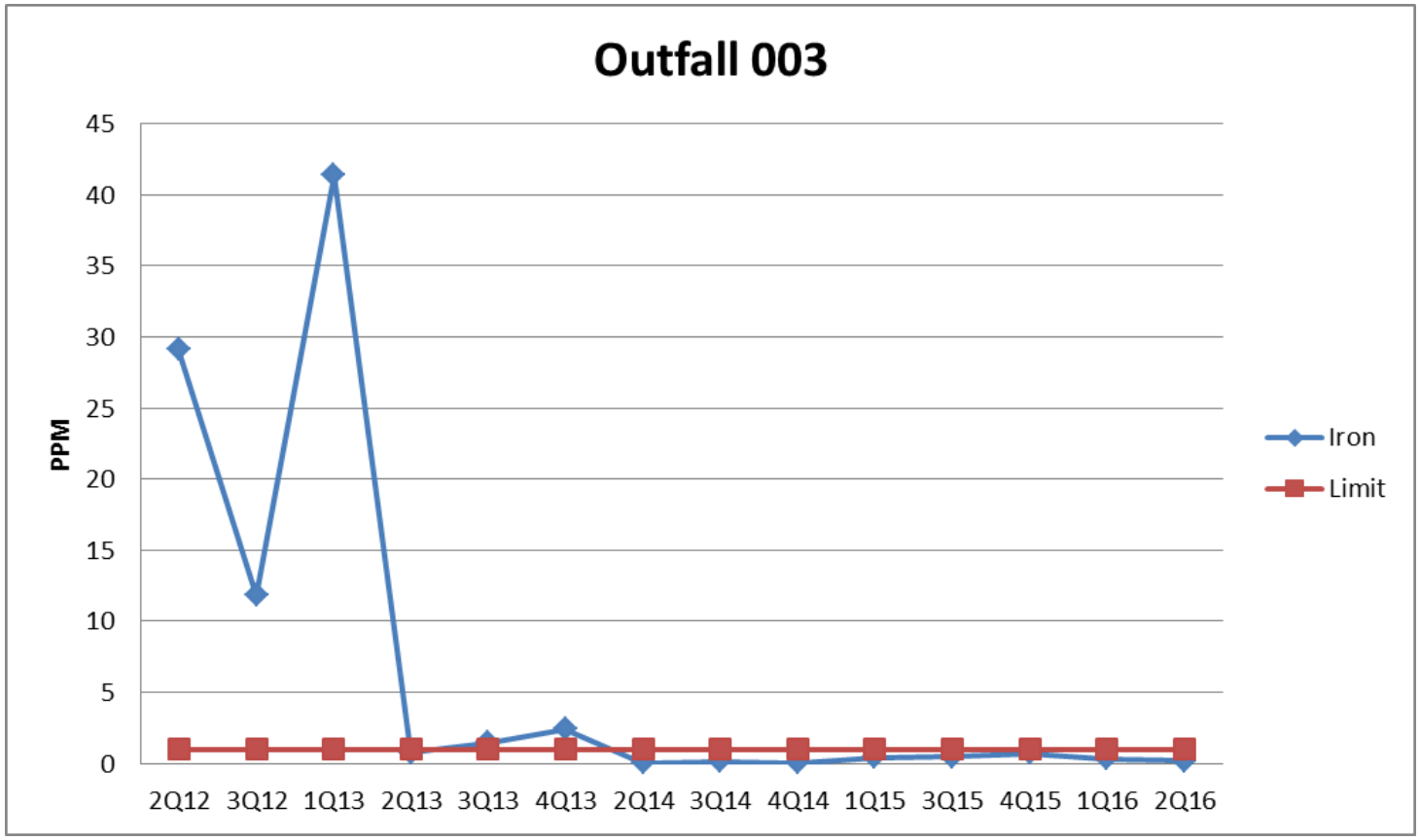

Outfall 002
PPM
160
140
120
100
80
60
40
20
0
1Q12
2Q12
3Q12
1Q13
2Q13
3Q13
4Q13
2Q14
3Q14
4Q14
1Q15
2Q15
3Q15
4Q15
1Q16
2Q16
Aluminum
Limit

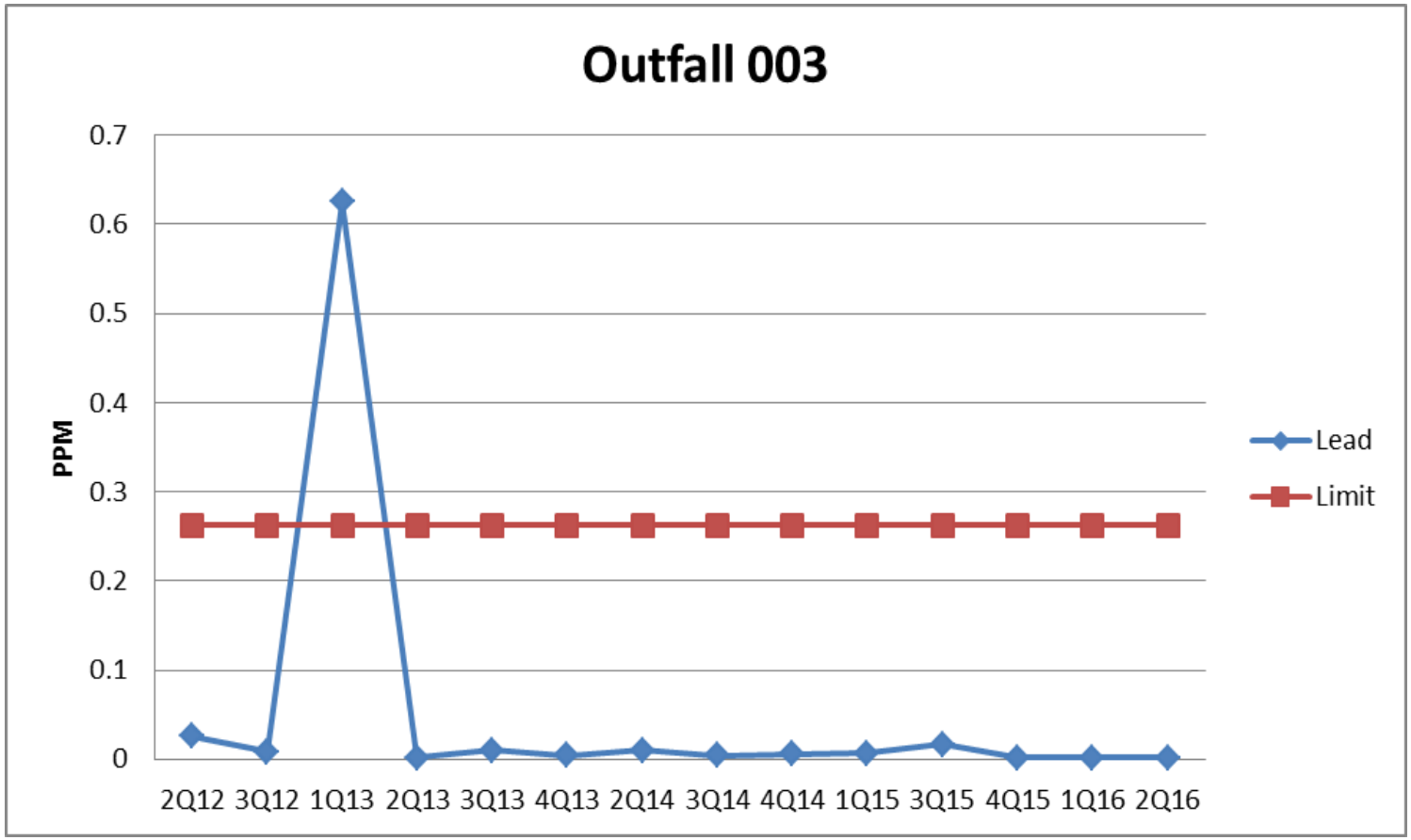

Outfall 002
PPM
200
180
160
140
120
100
80
60
40
20
0
1Q12
2Q12
3Q12
1Q13
2Q13
3Q13
4Q13
2Q14
3Q14
4Q14
1Q15
2Q15
3Q15
4Q15
1Q16
2Q16
Iron
Limit

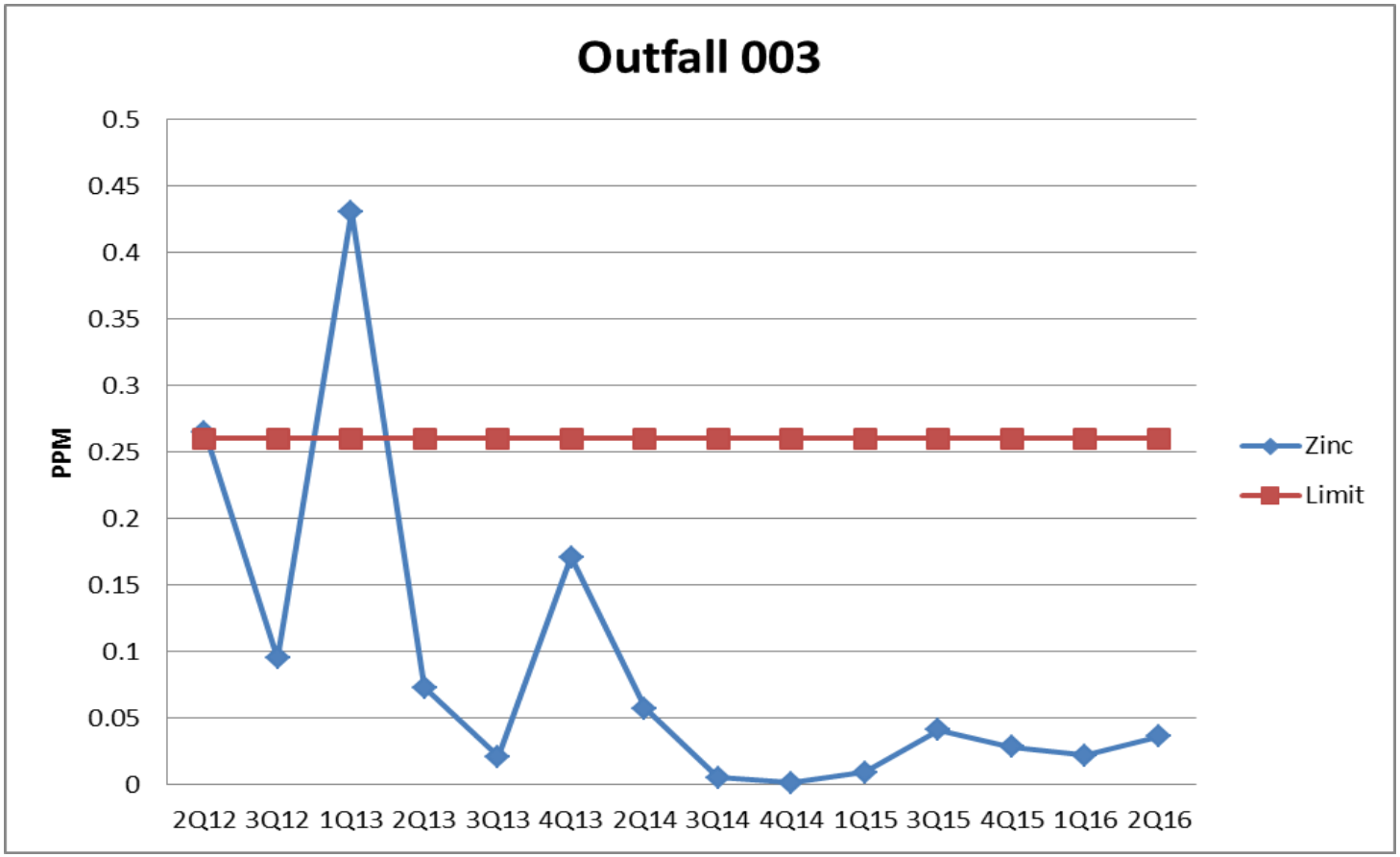

Outfall 002
PPM
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
1Q12
2Q12
3Q12
1Q13
2Q13
3Q13
4Q13
2Q14
3Q14
4Q14
1Q15
2Q15
3Q15
4Q15
1Q16
2Q16
Lead
Limit


Outfall 002
PPM
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
1Q12
2Q12
3Q12
1Q13
2Q13
3Q13
4Q13
2Q14
3Q14
4Q14
1Q15
2Q15
3Q15
4Q15
1Q16
2Q16
Zinc
Limit


Outfall 003
PPM
40
35
30
25
20
15
10
5
0
2Q12
3Q12
1Q13
2Q13
3Q13
4Q13
2Q14
3Q14
4Q14
1Q15
3Q15
4Q15
1Q16
2Q16
Aluminum
Limit


Outfall 003
PPM
45
40
35
30
25
20
15
10
5
0
2Q12
3Q12
1Q13
2Q13
3Q13
4Q13
2Q14
3Q14
4Q14
1Q15
3Q15
4Q15
1Q16
2Q16
Iron
Limit


Outfall 003
PPM
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
2Q12 3Q12 1Q13 2Q13 3Q13 4Q13 2Q14 3Q14 4Q14 1Q15 3Q15 4Q15 1Q16 2Q16
Lead
Limit


Outfall 003
PPM
0.5
0.45
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
2Q12 3Q12 1Q13 2Q13 3Q13 4Q13 2Q14 3Q14 4Q14 1Q15 3Q15 4Q15 1Q16 2Q16
Zinc
Limit

ATTACHMENT 3

Routine Inspections, Visual Inspections and Corrective Actions

Storm Water Industrial Routine Facility Inspection Form — Worksheet No. 4

General Information			
Facility Name	AES Puerto Rico, LP		
NPDES Tracking No.	PRR053093		
Date of Inspection	May 26, 2016	**Start/End Time**	8:15 am / 11:30 am
Inspector's Name(s)	Pedro E. Labayen		
Inspector's Title(s)	Stormwater Compliance Coordinator		
Inspector's Contact Information	(787) 866-8117 ext. 2215		
Inspector's Qualifications	Professional Engineer		

Weather Information

Weather at time of this inspection?
❑ Clear ☑Cloudy ❑ Rain ❑ Sleet ❑ Fog ❑ High Winds
❑ Other: **Wind 17 mph** Temperature: **82°F**

Have any previously unidentified discharges of pollutants occurred since the last inspection? ❑Yes ☑No
If yes, describe:

Are there any discharges occurring at the time of inspection? ❑Yes ☑No
If yes, describe:

Control Measures

- *Number the structural stormwater control measures identified in your SWPPP on your site map and list them below (add as many control measures as are implemented on-site). Carry a copy of the numbered site map with you during your inspections. This list will ensure that you are inspecting all required control measures at your facility.*
- *Describe corrective actions initiated, date completed, and note the person that completed the work in the Corrective Action Log.*

ID.	Structural Control Measure	Control Measure is Operating Effectively?	If No, In Need of Maintenance, Repair, or Replacement?	Corrective Action Needed and Notes (identify needed maintenance and repairs, or any failed control measures that need replacement)
Run-on Control (Northeast Area)				
01	Earth berm	☑Yes ❑No	❑ Maintenance ❑ Repair ❑ Replacement	
02	Concrete wall	☑Yes ❑No	❑ Maintenance ❑ Repair ❑ Replacement	
03	Rip rap	☑Yes ❑No	❑ Maintenance ❑ Repair ❑ Replacement	
04	Concrete swale	☑Yes ❑No	❑ Maintenance ❑ Repair ❑ Replacement	
05	Run-on inlet grate	☑Yes ❑No	❑ Maintenance ❑ Repair ❑ Replacement	
06	Polymer secondary containment	☑Yes ❑No	❑ Maintenance ❑ Repair ❑ Replacement	

ID.	Structural Control Measure	Control Measure is Operating Effectively?	If No, In Need of Maintenance, Repair, or Replacement?	Corrective Action Needed and Notes (identify needed maintenance and repairs, or any failed control measures that need replacement)
Firewater Pump station Area				
07	Diesel tank secondary containment	☑Yes ❑No	❑ Maintenance ❑ Repair ❑ Replacement	
08	Oil / Water Separator	☑Yes ❑No	❑ Maintenance ❑ Repair ❑ Replacement	
East Access Road Area				
09	Concrete channel	☑Yes ❑No	❑ Maintenance ❑ Repair ❑ Replacement	
10	Low wall	☑Yes ❑No	❑ Maintenance ❑ Repair ❑ Replacement	
11	Concrete swale next to switch yard	☑Yes ❑No	❑ Maintenance ❑ Repair ❑ Replacement	
Liquid Urea Storage Area				
12	Low wall	☑Yes ❑No	❑ Maintenance ❑ Repair ❑ Replacement	
13	Slope liner	☑Yes ❑No	❑ Maintenance ❑ Repair ❑ Replacement	
14	Truck secondary containment	☑Yes ❑No	❑ Maintenance ❑ Repair ❑ Replacement	
15	Tank secondary containment	☑Yes ❑No	❑ Maintenance ❑ Repair ❑ Replacement	
16	Concrete berm	☑Yes ❑No	❑ Maintenance ❑ Repair ❑ Replacement	
17	Concrete channel culvert inlet	☑Yes ❑No	❑ Maintenance ❑ Repair ❑ Replacement	
Oil Drums Storage				
18	Covered secondary containment	☑Yes ❑No	❑ Maintenance ❑ Repair ❑ Replacement	
Ash Silos- spout				
19	Ash silos	☑Yes ❑No	❑ Maintenance ❑ Repair ❑ Replacement	
20	Spout connection	☑Yes ❑No	❑ Maintenance ❑ Repair ❑ Replacement	
21	Water spray nozzles	☑Yes ❑No	❑ Maintenance ❑ Repair ❑ Replacement	

ID.	Structural Control Measure	Control Measure is Operating Effectively?	If No, In Need of Maintenance, Repair, or Replacement?	Corrective Action Needed and Notes (identify needed maintenance and repairs, or any failed control measures that need replacement)
22	Water hose	☑Yes ❑No	❑ Maintenance ❑ Repair ❑ Replacement	
Diesel Fuel Storage				
23	Tank truck secondary containment	☑Yes ❑No	❑ Maintenance ❑ Repair ❑ Replacement	
24	Tanks secondary containment	☑Yes ❑No	❑ Maintenance ❑ Repair ❑ Replacement	A joint from a segment of the ash wetting pipe located inside the secondary containment should be repaired.
25	Drip pans for vehicle / equipment fueling	☑Yes ❑No	❑ Maintenance ❑ Repair ❑ Replacement	
AGREMAX Stockpile				
26	Gabion wall	☑Yes ❑No	❑ Maintenance ❑ Repair ❑ Replacement	
27	10 feet buffer zone	☑Yes ❑No	❑ Maintenance ❑ Repair ❑ Replacement	
28	Low wall	☑Yes ❑No	❑ Maintenance ❑ Repair ❑ Replacement	
32	Covered conveyors	☑Yes ❑No	❑ Maintenance ❑ Repair ❑ Replacement	
35	Wheel wash	☑Yes ❑No	❑ Maintenance ❑ Repair ❑ Replacement	Wheel washer exit road and other selected areas were restored with asphalt.
37	Concrete channel	☑Yes ❑No	❑ Maintenance ❑ Repair ❑ Replacement	
Gate #3				
39	Road grating (2)	☑Yes ❑No	❑ Maintenance ❑ Repair ❑ Replacement	
40	Curb	☑Yes ❑No	❑ Maintenance ❑ Repair ❑ Replacement	
41	Curb riprap	☑Yes ❑No	❑ Maintenance ❑ Repair ❑ Replacement	The rip rap was restored with new gabion stones. Also, a new liner was installed on the improved area.
42	Slope liner	☑Yes ❑No	❑ Maintenance ❑ Repair ❑ Replacement	
43	Outfall riprap	☑Yes ❑No	❑ Maintenance ❑ Repair ❑ Replacement	

ID.	Structural Control Measure	Control Measure is Operating Effectively?	If No, In Need of Maintenance, Repair, or Replacement?	Corrective Action Needed and Notes (identify needed maintenance and repairs, or any failed control measures that need replacement)
44	Sampling Point Outfall 002	☑Yes ❑No	❑ Maintenance ❑ Repair ❑ Replacement	
45	Concrete wall	☑Yes ❑No	❑ Maintenance ❑ Repair ❑ Replacement	
AGREMAX Stockpile Perimeter Road				
48	Gravel cover	☑Yes ❑No	❑ Maintenance ❑ Repair ❑ Replacement	
49	Concrete channel	☑Yes ❑No	❑ Maintenance ❑ Repair ❑ Replacement	
50	Low wall	☑Yes ❑No	❑ Maintenance ❑ Repair ❑ Replacement	
51	Run on outfall	❑Yes ❑No	❑ Maintenance ❑ Repair ❑ Replacement	
Coal Stockpile				
52	Runoff pond	☑Yes ❑No	❑ Maintenance ❑ Repair ❑ Replacement	
53	Super silt fence	☑Yes ❑No	❑ Maintenance ❑ Repair ❑ Replacement	
54	Sediment trap	☑Yes ❑No	❑ Maintenance ❑ Repair ❑ Replacement	
55	Concrete swale	☑Yes ❑No	❑ Maintenance ❑ Repair ❑ Replacement	
56	Wheel washer	☑Yes ❑No	❑ Maintenance ❑ Repair ❑ Replacement	
57	Riprap in channel and slopes	☑Yes ❑No	❑ Maintenance ❑ Repair ❑ Replacement	
Heavy Equipment Maintenance Shop				
61	Floor grating	☑Yes ❑No	❑ Maintenance ❑ Repair ❑ Replacement	
62	Oil / Water Separator	☑Yes ❑No	❑ Maintenance ❑ Repair ❑ Replacement	The floor water drainage system must be cleaned. A notification to the maintenance personnel was made in order to coordinate the work. Notification #: 1000459145
63	Used oil storage tank and drums secondary containment	☑Yes ❑No	❑ Maintenance ❑ Repair ❑ Replacement	
64	Recyclable metals roll-off container cover	❑Yes ❑No	❑ Maintenance ❑ Repair ❑ Replacement	No containers available at this time.

ID.	Structural Control Measure	Control Measure is Operating Effectively?	If No, In Need of Maintenance, Repair, or Replacement?	Corrective Action Needed and Notes (identify needed maintenance and repairs, or any failed control measures that need replacement)
Warehouse / Urea Storage Building				
65	Access road gravel cover	☑Yes ❑No	❑ Maintenance ❑ Repair ❑ Replacement	
66	Earthen berm on west side	☑Yes ❑No	❑ Maintenance ❑ Repair ❑ Replacement	
67	Low wall on north side	☑Yes ❑No	❑ Maintenance ❑ Repair ❑ Replacement	
68	Trapezoidal swale	☑Yes ❑No	❑ Maintenance ❑ Repair ❑ Replacement	
Open Area West of Cooling Tower				
69	Gravel cover	☑Yes ❑No	❑ Maintenance ❑ Repair ❑ Replacement	
70	Slope liners	☑Yes ❑No	❑ Maintenance ❑ Repair ❑ Replacement	
Cooling Tower				
71	Secondary containment dike	☑Yes ❑No	❑ Maintenance ❑ Repair ❑ Replacement	
Water Treatment				
72	Sludge roll- off container inside clean grating	❑Yes ☑No	❑ Maintenance ☑ Repair ❑ Replacement	The concrete berm used to divert stormwater toward grating was damaged. A notification (#10004549146) was made in order to coordinate the work.
73	Soda ash silo secondary containment	☑Yes ❑No	❑ Maintenance ❑ Repair ❑ Replacement	
74	Acid / caustic tank truck unloading secondary containment	☑Yes ❑No	❑ Maintenance ❑ Repair ❑ Replacement	
Access Road West of Power Plant				
75	Catch basin inserts	☑Yes ❑No	❑ Maintenance ❑ Repair ❑ Replacement	
76	Curb inlet	☑Yes ❑No	❑ Maintenance ❑ Repair ❑ Replacement	
77	Concrete berm w/ shallow gutter and curb inlet	☑Yes ❑No	❑ Maintenance ❑ Repair ❑ Replacement	
78	Mercury control chemicals covered storage dike	☑Yes ❑No	❑ Maintenance ❑ Repair ❑ Replacement	
Storm Water Runoff Pond				
80	Concrete weir	☑Yes ❑No	❑ Maintenance ❑ Repair ❑ Replacement	

ID.	Structural Control Measure	Control Measure is Operating Effectively?	If No, In Need of Maintenance, Repair, or Replacement?	Corrective Action Needed and Notes (identify needed maintenance and repairs, or any failed control measures that need replacement)
81	Riprap channel	☑Yes ❑No	❑ Maintenance ❑ Repair ❑ Replacement	
82	Sediment accumulation control	☑Yes ❑No	❑ Maintenance ❑ Repair ❑ Replacement	
83	Chemicals secondary containment	☑Yes ❑No	❑ Maintenance ❑ Repair ❑ Replacement	
Road North of Coal Pile Runoff Pond				
85	Coal pile runoff pond	☑Yes ❑No	❑ Maintenance ❑ Repair ❑ Replacement	
86	Low wall	☑Yes ❑No	❑ Maintenance ❑ Repair ❑ Replacement	
87	Riprap in channel and slopes	☑Yes ❑No	❑ Maintenance ❑ Repair ❑ Replacement	
88	Concrete wall	☑Yes ❑No	❑ Maintenance ❑ Repair ❑ Replacement	
89	Concrete beam	☑Yes ❑No	❑ Maintenance ❑ Repair ❑ Replacement	
90	Box culvert	☑Yes ❑No	❑ Maintenance ❑ Repair ❑ Replacement	
91	Sampling Point Outfall 003	❑Yes ☑No	❑ Maintenance ☑ Repair ❑ Replacement	The automatic sampler water sensor was damaged. The sun keeper and the water sensor cable must be replaced. A notification was made. Notification: #1000461154.
Marine Dock				
92	Collection manifold	☑Yes ❑No	❑ Maintenance ❑ Repair ❑ Replacement	
93	Pier secondary containment	☑Yes ❑No	❑ Maintenance ❑ Repair ❑ Replacement	
94	Sampling Point Outfall 001	☑Yes ❑No	❑ Maintenance ❑ Repair ❑ Replacement	
95	Conveyor TCI	☑Yes ❑No	❑ Maintenance ❑ Repair ❑ Replacement	

Areas of Industrial Materials or Activities exposed to stormwater

Below are some general areas that should be assessed during routine inspections. Customize this list as needed for the specific types of industrial materials or activities at your facility.

	Area/Activity	Controls Adequate (appropriate, effective, and operating)?	Corrective Action Needed or Completed and Notes
1	Material loading/unloading and storage areas (Agremax, limestone, coal storage)	☑Yes ❑No ❑ N/A	
2	Heavy equipment operations and maintenance areas	☑Yes ❑No ❑ N/A	
3	Fueling areas (heavy equipment fueling and storage tank unloading)	☑Yes ❑No ❑ N/A	
4	Outdoor vehicle and equipment washing areas	☑Yes ❑No ❑ N/A	
5	Waste handling and disposal areas	☑Yes ❑No ❑ N/A	
6	Erodible stockpiles (coal, Agremax)	☑Yes ❑No ❑ N/A	
7	Non-stormwater/ illicit connections	❑Yes ❑No ☑ N/A	
8	Dust generation and vehicle tracking	☑Yes ❑No ❑ N/A	
9	Water Treatment Area	☑Yes ❑No ❑ N/A	
10	Power Block Area	☑Yes ❑No ❑ N/A	
11	Administration Building Area	☑Yes ❑No ❑ N/A	
12	2 Million- gallon and 18 Million-gallon Pond Area	☑Yes ❑No ❑ N/A	
13	Marine Dock Area	☑Yes ❑No ❑ N/A	
14	Stormwater Sample Point 001	☑Yes ❑No ❑ N/A	
15	Stormwater Sample Point 002	☑Yes ❑No ❑ N/A	
16	Stormwater Sample Point 003	☑Yes ❑No ❑ N/A	
17	Run-on storm water conveyance system	☑Yes ❑No ❑ N/A	

	Area/Activity	**Controls Adequate (appropriate, effective, and operating)?**	**Corrective Action Needed or Completed and Notes**
18	Run-off storm water conveyance system	☑Yes ❑No ❑ N/A	
19	Process water conveyance system	☑Yes ❑No ❑ N/A	
20	CDS/ESP Area	☑Yes ❑No ❑ N/A	
21	Polymer application at 2 MM-gallon pond area	☑Yes ❑No ❑ N/A	
22	18 MM-gallon Pond Transfer Pumps	☑Yes ❑No ❑ N/A	
23	Coal Crusher Building	☑Yes ❑No ❑ N/A	
24	Portable Toilets	☑Yes ❑No ❑ N/A	

Non-Compliance

Describe any incidents of non-compliance observed and not described above:

Additional Control Measures

Describe any additional control measures needed to comply with the permit requirements:

Notes

Use this space for any additional notes or observations from the inspection:

CERTIFICATION STATEMENT

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Print name and title: Pedro E. Labayen / Env. Coord.

Signature: Pedro E. Labayen **Date:** May 26, 2016

MSGP Quarterly Visual Assessment Form

Worksheet No. 6

(Complete a separate form for each outfall you assess)

Name of Facility: AES Puerto Rico, L.P. NPDES Tracking No. PRR053093

Outfall Name: 001 "Substantially Identical Outfall"? ☒ No ☐ Yes

Person(s)/Title(s) collecting sample: Pedro E. Labayen

Person(s)/Title(s) examining sample: Pedro E. Labayen / Storm Water Compliance Coordinator

Date & Time Discharge Began: (4/1/16 5:47am) Date & Time Sample Collected: (4/1/16 5:51am) Date & Time Sample Examined: (4/1/16 2:30pm)

Substitute Sample? ☒ No ☐ Yes (identify quarter/year when sample was originally scheduled to be collected):

Nature of Discharge: ☒ Rainfall ☐ Snowmelt

If rainfall: Rainfall Amount: **0.06** **inches** Previous Storm Ended > 72 hours Before Start of This Storm? ☒ Yes ☐ No*

Parameter

Color ☒ None ☐ Other (describe):

Odor ☒ None ☐ Musty ☐ Sewage ☐ Sulfur ☐ Sour ☐ Petroleum/Gas _____
☐ Solvents ☐ Other (describe):

Clarity ☒ Clear ☐ Slightly Cloudy ☐ Cloudy ☐ Opaque ☐ Other

Floating Solids ☒ No ☐ Yes (describe):

Settled Solids** ☒ No ☐ Yes (describe):

Suspended Solids ☒ No ☐ Yes (describe):

Foam (gently shake sample) ☒ No ☐ Yes (describe):

Oil Sheen ☒ None ☐ Flecks ☐ Globs ☐ Sheen ☐ Slick
☐ Other (describe):

Other Obvious Indicators of Stormwater Pollution ☒ No ☐ Yes (describe):

Sampling not performed due to no measurable storm event occurring that resulted in a discharge during the monitoring quarter:

☒ No ☐ Yes (describe):

* The 72-hour interval can be waived when the previous storm did not yield a measurable discharge or if you are able to document (attach applicable documentation) that less than a 72-hour interval is representative of local storm events during the sampling period.

** Observe for settled solids after allowing the sample to sit for approximately one-half hour.

Detail any concerns, additional comments, descriptions of pictures taken, and any corrective actions taken below (attach additional sheets as necessary).

Certification by Facility Responsible Official (Refer to MSGP Subpart 11 Appendix B for Signatory Requirements)

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

A. Name: Pedro E. Labayen / Env. Coord. B. Title: Stormwater Compliance Coordinator

C. Signature: Pedro Labayen D. Date Signed: 4/4/2016

MSGP Quarterly Visual Assessment Form

Worksheet No. 6

(Complete a separate form for each outfall you assess)

Name of Facility: AES Puerto Rico, L.P. NPDES Tracking No. PRR053093

Outfall Name: 002 "Substantially Identical Outfall"? ☒ No ☐ Yes

Person(s)/Title(s) collecting sample: Pedro E. Labayen

Person(s)/Title(s) examining sample: Pedro E. Labayen / Stormwater Compliance Coordinator

Date & Time Discharge Began: 4/1/16 (9:36 AM) Date & Time Sample Collected: 4/1/16 (9:44 AM) Date & Time Sample Examined: 4/1/16 (2:40 PM)

Substitute Sample? ☒ No ☐ Yes (identify quarter/year when sample was originally scheduled to be collected):

Nature of Discharge: ☒ Rainfall ☐ Snowmelt

If rainfall: Rainfall Amount: **0.13** **inches** Previous Storm Ended > 72 hours Before Start of This Storm? ☒ Yes ☐ No*

Parameter

Color ☒ None ☐ Other (describe):

Odor ☒ None ☐ Musty ☐ Sewage ☐ Sulfur ☐ Sour ☐ Petroleum/Gas _____ ☐ Solvents ☐ Other (describe):

Clarity ☐ Clear ☒ Slightly Cloudy ☐ Cloudy ☒ Opaque ☐ Other

Floating Solids ☒ No ☐ Yes (describe):

Settled Solids** ☐ No ☒ Yes (Soil erosion from uncovered areas at the curved rip rap and public dirty road were observed. Grating inlet protection "drain guards" must be replaced. (These BMPs will be repaired as a Corrective Action.)

Suspended Solids ☐ No ☒ Yes (describe):

Foam (gently shake sample) ☒ No ☐ Yes (describe):

Oil Sheen ☒ None ☐ Flecks ☐ Globs ☐ Sheen ☐ Slick ☐ Other (describe):

Other Obvious Indicators of Stormwater Pollution ☒ No ☐ Yes (describe):

Sampling not performed due to no measurable storm event occurring that resulted in a discharge during the monitoring quarter:

☒ No ☐ Yes (describe):

* The 72-hour interval can be waived when the previous storm did not yield a measurable discharge or if you are able to document (attach applicable documentation) that less than a 72-hour interval is representative of local storm events during the sampling period.

** Observe for settled solids after allowing the sample to sit for approximately one-half hour.

Detail any concerns, additional comments, descriptions of pictures taken, and any corrective actions taken below (attach additional sheets as necessary). Rip rap located south of the AGREMAX pile must be cleaned to remove accumulated sediments and maintain adequate soil erosion control. The CCP personnel were informed about the problem and coordinated corrective actions. Some inlet filters installed at the grating located at Gate #3 must be replaced.

Certification by Facility Responsible Official (Refer to MSGP Subpart 11 Appendix B for Signatory Requirements)

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

A. Name: Pedro E. Labayen / Env. Coord

B. Title: Stormwater Compliance Coordinator

C. Signature: Pedro Labayen

D. Date Signed: 4/4/2016

MSGP Quarterly Visual Assessment Form

Worksheet No. 6

(Complete a separate form for each outfall you assess)

Name of Facility: **AES Puerto Rico, L.P.** NPDES Tracking No. PRR053093

Outfall Name: **003** "Substantially Identical Outfall"? ☒ No ☐ Yes

Person(s)/Title(s) collecting sample: **Pedro E. Labayen**

Person(s)/Title(s) examining sample: **Pedro E. Labayen / Stormwater Compliance Coordinator**

Date & Time Discharge Began:**04/1/2016 (12:17pm)** Date & Time Sample Collected: **04/1/2016 (12:19pm)** Date & Time Sample Examined: **04/1/2016 (2:50pm)**

Substitute Sample? ☒ No ☐ Yes (identify quarter/year when sample was originally scheduled to be collected):

Nature of Discharge: ☒ Rainfall ☐ Snowmelt

If rainfall: Rainfall Amount: **0.21 inches** Previous Storm Ended > 72 hours Before Start of This Storm? ☐ Yes ☒ No* Although, a rain storm occurred 24hr. before, it did not generated a discharge (No measurable storm event).

Parameter

Color ☒ None ☐ Other (describe):

Odor ☒ None ☐ Musty ☐ Sewage ☐ Sulfur ☐ Sour ☐ Petroleum/Gas _____ ☐ Solvents ☐ Other (describe):

Clarity ☒ Clear ☐ Slightly Cloudy ☐ Cloudy ☐ Opaque ☐ Other

Floating Solids ☒ No ☐ Yes (describe):

Settled Solids** ☒ No ☐ Yes (describe):

Suspended Solids ☒ No ☐ Yes (describe):

Foam (gently shake sample) ☒ No ☐ Yes (describe):

Oil Sheen ☒ None ☐ Flecks ☐ Globs ☐ Sheen ☐ Slick ☐ Other (describe):

Other Obvious Indicators of Stormwater Pollution ☒ No ☐ Yes (describe):

Sampling not performed due to no measurable storm event occurring that resulted in a discharge during the monitoring quarter:

☒ No ☐ Yes (describe):

* The 72-hour interval can be waived when the previous storm did not yield a measurable discharge or if you are able to document (attach applicable documentation) that less than a 72-hour interval is representative of local storm events during the sampling period.

** Observe for settled solids after allowing the sample to sit for approximately one-half hour.

Detail any concerns, additional comments, descriptions of pictures taken, and any corrective actions taken below (attach additional sheets as necessary).

Certification by Facility Responsible Official (Refer to MSGP Subpart 11 Appendix B for Signatory Requirements)

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

A. Name: Pedro E. Labayen

B. Title: Stormwater Compliance Coordinator

C. Signature: Pedro Labayen

D. Date Signed: 4/4/2016

Corrective Action Documentation – 2nd Quarter 2016

Instructions:

Within 24 hours of becoming aware of a condition identified in Parts 4.1 or 4.2 of the 2015 MSGP, document the existence of the condition and subsequent actions. Note that this information must be summarized in the annual report (as required in Part 7.5 of the 2015 MSGP).

Corrective Action #1

Description of Condition: The rip rap located at the south side of the facility (Gate #3) should be cleaned and improved in order to reduce potential erosion.

Date: April 1, 2016

Immediate Actions: The CCP personnel were informed about the problem and coordinated corrective actions immediately.

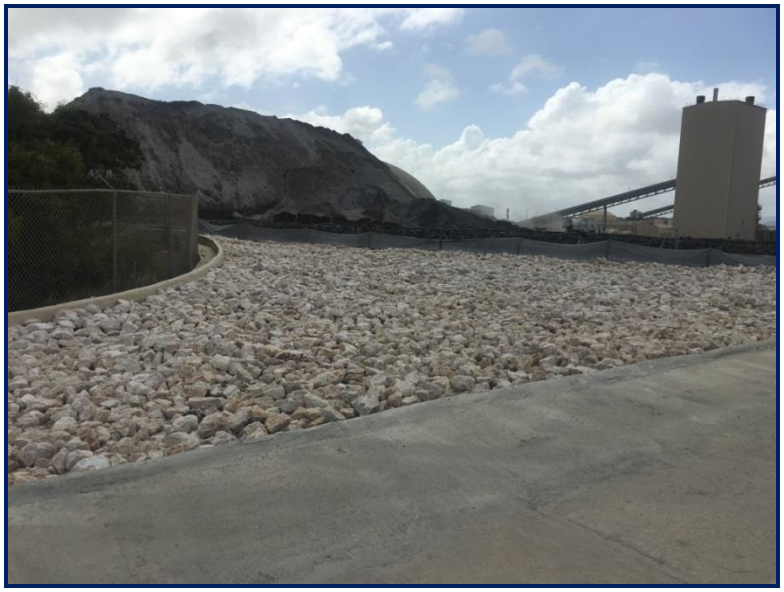
Actions Taken within 14 Days: The following actions were completed:

- Different contractor's quotations were obtained for evaluation.
- Quotations were evaluated by the CCP personnel.
- An external contractor was selected to complete the work.

14 Day Infeasibility: This work will be performed by an external contractor and requires quotation evaluation by AES PR, coordination with internal personnel and aggregate stone delivery to plant.

45 Day Extension: N/A

Date Completed: May 16, 2016



Corrective Action #2

Description of Condition: Wheel washer exit road needed improvements.

Date: April 1, 2016

Immediate Actions: The CCP personnel were informed about the problem and coordinated corrective actions immediately.

Actions Taken within 14 Days: The following actions were completed:

- The scope of project was determined.
- Different contractor's quotations were evaluated.
- The ash removal and truck traffic were temporary suspended in the area until termination of road amendments.

14 Day Infeasibility: This project requires installation of asphalt on the wheel washer exit road and other selected areas. This involves capital investment and coordination with the CCP operational area in order to not affect regular operations.

45 Day Extension: N/A

Date Completed: May 16, 2016

Corrective Action #3

Description of Condition: The concrete berm used to divert stormwater toward grating at the softener area was damaged. A notification (#10004549146) was made in order to coordinate reparation.

Date: May 26, 2016

Immediate Actions: Operations personnel were informed about the problem and coordinated corrective actions immediately.

Actions Taken within 14 Days: The following actions were completed:

- The scope of project was determined.
- A plant external contractor's proposal was requested.

14 Day Infeasibility: This work will be performed by an external contractor and required evaluation, selection and coordination.

45 Day Extension: N/A

Date Completed: June 13, 2016

Corrective Action #4

Description of Condition: The automatic sampler "sunkeeper" and water sensor cable must be replaced. A notification was made in order to coordinate the work. Notification: #1000461154.

Date: May 26, 2016

Immediate Actions: Instrumentation / Electrical personnel were informed about the problem and coordinated corrective actions immediately.

Actions Taken within 14 Days: N/A

14 Day Infeasibility: N/A

45 Day Extension: N/A

Date Completed: June 8, 2016